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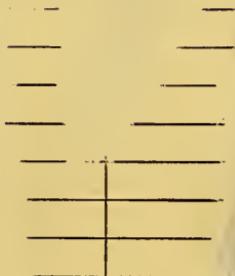
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*This set of yearbooks was compiled by the staff of the 1967 Massachusetts Index and donated in the interest of paying tribute to those who have created the history and traditions existing at the University of Massachusetts.*

**ALEXANDER DEAN, *Editor-in-chief***

Pocket is in back.

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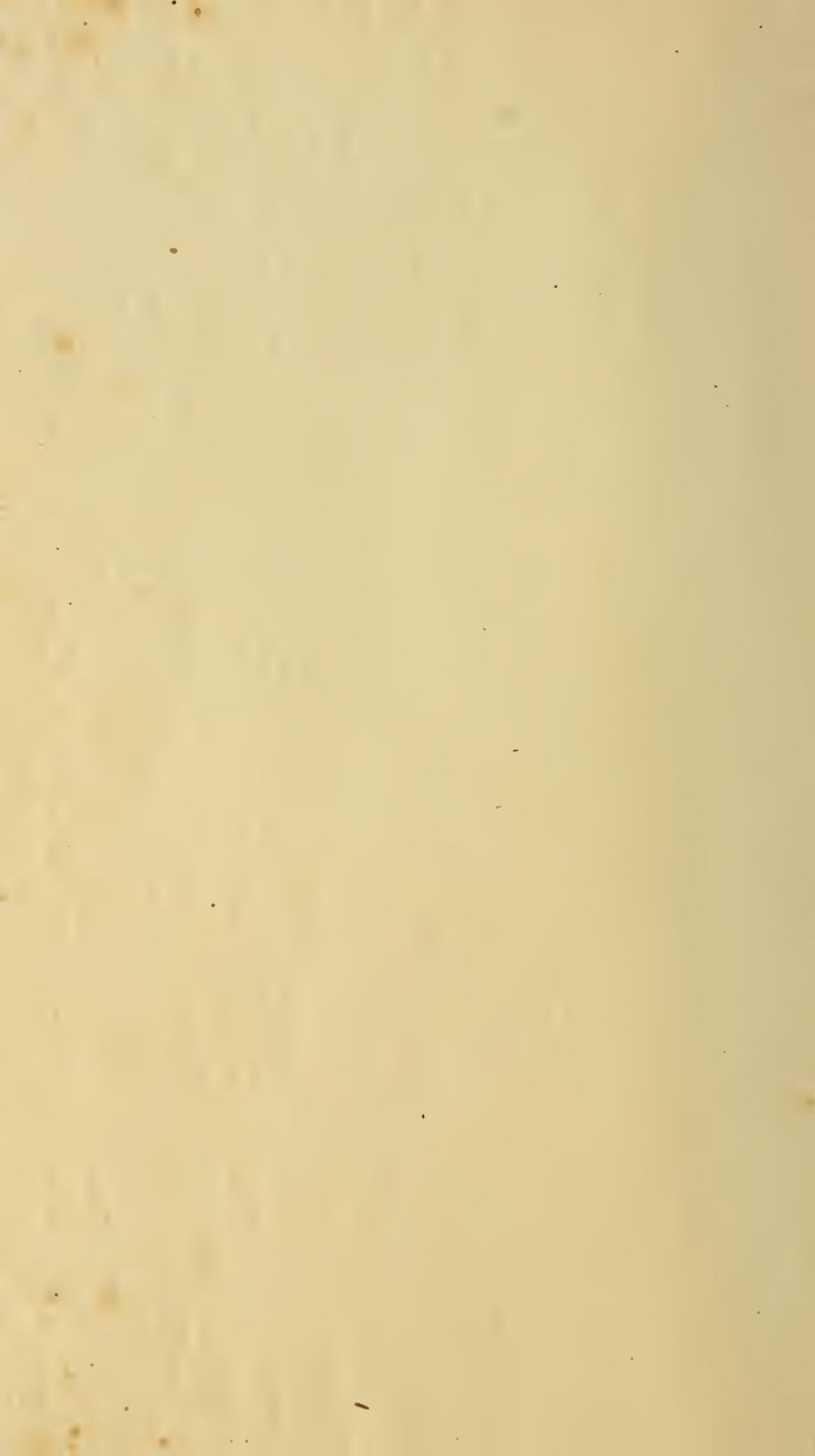


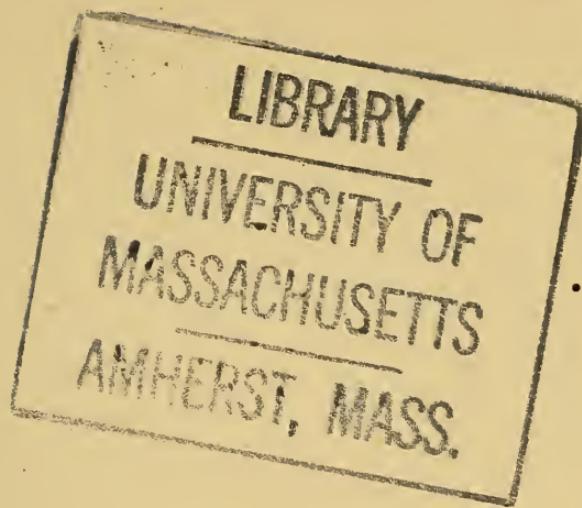


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# MASSACHUSETTS

# Agricultural College.

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The age in which we live demands progress in the means and in the methods by which young men prepare for the duties of life.

The course of study at the State College is not the result of traditional methods. It recognizes the fact that the sciences are now applied in every department of practical affairs in a larger degree than ever before. The course makes due provision for the teaching of Physics, Chemistry, Botany, Zoology, Geology and Mathematics. Since the dead languages are not required, the time devoted to the study of Latin and Greek in many of our higher institutions can here be given to other studies.

The study of the English Language and Literature, and of Modern Languages, and the frequent exercises in Elocution, furnish excellent opportunities for developing the powers of expression. The study of the Modern Languages also enables the graduate of the State College to avail himself of the latest scientific results reached by French and German scholars.

But the course is not limited to the Natural Sciences, Languages, and Mathematics. History, Political Economy, and the Science of Government, with special relations to the government of the United States, receive large attention. Nor are those studies in any sense neglected that are adapted to give one a knowledge of himself and of his highest interests.

Mental and Moral Science constitute an important part of the curriculum. While these ample opportunities are offered at this College to every young man, whatever may be his vocation, the student who wishes to engage in any department of field work, whether farming, market gardening, the care of hot-houses, or any other kindred employment, here finds special aids.

It is the aim of the College to teach every science, as far as may be, in its relations to Agriculture, and to give all the technical instruction in this department that our facilities allow. The ample grounds of the College, comprising nearly four hundred acres, furnish wide and increasing means of illustration and practical teaching.

Physical training and discipline are promoted by the instruction and training in the military department, under an officer who is a graduate of West Point.

In brief, the object of the course is to form the true man and the effective workman.

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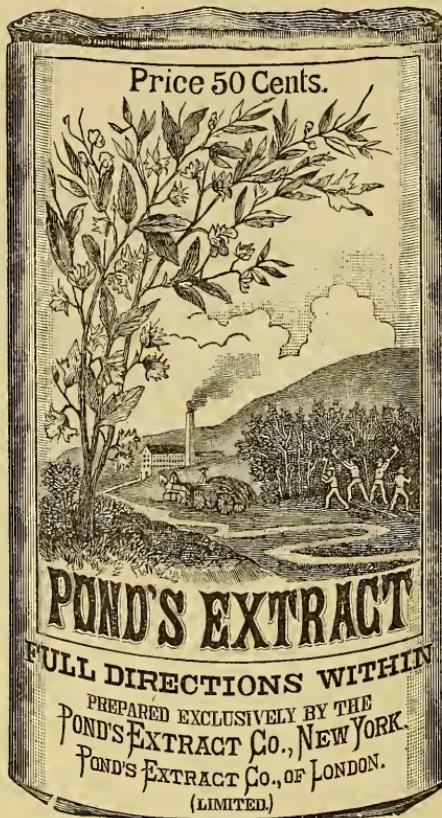
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THE NEW CHAPEL,  
AS IT WILL APPEAR WHEN COMPLETED.

THE INDEX,

PUBLISHED BY

THE JUNIOR CLASS,



MASS. AGRICULTURAL COLLEGE.

JANUARY, 1885.

Press of Springfield Printing Company,  
Springfield, Mass.

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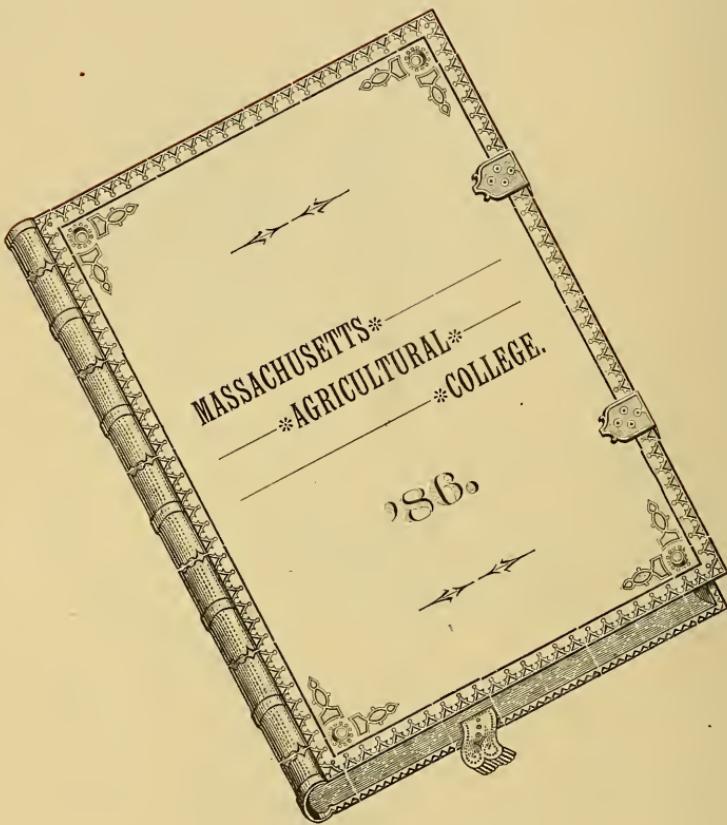
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## EDITORIAL.

COMING to our many readers and friends with the chronicles of our inner college life, we would first of all beg you to look with great forbearance upon our work, remembering that a sufficient punishment is brought upon the rash and inexperienced INDEX Board when the liabilities are brought forth. However, we shall strive to fill our place in the unbroken line of those who, since the first Junior Class, have toiled and suffered in like manner, wringing from their inmost souls those wondrous productions only to hear the heartless remark—stale jokes.

Thus anticipating our fate, we would only ask that those errors which may occur be kindly overlooked, and, furthermore, that a sufficient amount of pity be felt to induce every one to invest in a full stock of this number of the INDEX.

During the past year President Greenough has proved himself capable of not only governing the College, but also of raising its standard both in an intellectual and moral way. Although the expulsion of men is no doubt an unpleasant duty and frequently excites strong feeling, it is often no more than just to those remaining, and when judiciously done must elevate the tone of the College. It is at the same time a serious matter, and should have good and definite reasons.

The various unpleasant episodes and apparently foolish acts which have occurred all round the past year, and which have caused no end of trouble and ill-feeling, are, we hope, things of the past which may never occur again.

Perhaps the greatest misfortune which has befallen the College since the death of President Chadbourne is the resignation of our highly esteemed Professor of Mathematics. During his short stay with us, Professor Basset has gained such an unbounded respect, admiration, and affection from every student as lies in the power of but few men to command. His patience and kindness, his untiring efforts in our behalf, have made him a model which all must desire to follow. In leaving his professorship here to pursue higher studies, we can assure him that he will always hold a place in the heart of every man who was in his classes, and that each and every one wishes him the best of success. Our best wish for our College shall ever be that he may sometime return to fill an honored place among the faculty of this institution.

We shall miss Professor Goodell, who has been called by a large vote to represent this district in the Legislature.

Beside his usual duties, which are always so thoroughly performed, Professor Goodell has attended to the purchasing and recataloguing of the books of our rapidly increasing library.

Professor Goessman's department, containing as it does the oversight of both the College and Experiment Station work, has been steadily growing until he has finally been obliged to relinquish the recitation of the lower classes to Professor H. E. Stockbridge, attending only to the upper classes and work of the laboratory and station.

Besides Professor Stockbridge, whom the College has been fortunate in securing and we hope may succeed in retaining, we have during the past year received instruction in Physiology from Dr. Tuckerman of '78, and in Mathematics, Professor C. D. Warner of '81 has assumed the chair left vacant by Professor Basset. To all these we extend a hearty welcome, and hope their connection with the College may be a long and pleasant one.

Of Dr. Miles there is need of much being said which it does not become us to say. That his services were secured by our late President Chadbourne with the intention that he should hold a prominent place in the direction of the Farm and Experiment Station was a well-known fact. That he is most eminently fitted to fill such a place has been thoroughly proven to all unprejudiced minds. That it is the one place wherein his vast stores of knowledge and experience

have the least chance to show to the world his wonderful power of applying the theoretical to the practical is a matter to be most sincerely regretted by all who wish to see a strong union between the science and the practice of Agriculture. In addition to his regular duties as Professor of Agriculture and Instructor in Biology, Dr. Miles has this year instituted a very interesting series of experiments, involving extensive and accurate measurements of every man in College; Dr. Tuckerman assists Dr. Miles in this work.

The Horticultural department is now better supplied with assistants and workmen than formerly, and is in a very prosperous condition. It is blessed this year with a handsome new barn and storehouse.

The President's house, so beautifully situated on the hill east of the Plant house, is an ornament to the place and affords a suitable residence for our President, at a convenient distance from the College.

The general condition of affairs is exceptionally favorable to the rapid advancement of the College. Ample means are now afforded here for a thorough scientific education and college training at a moderate expense, and we feel confident that, was the exact condition of this institution more thoroughly understood, there would be more to enter each year than the College could accommodate. We believe that a great change has been made within the last few years. Although all useless class-work has been abolished and only that which is most useful retained, yet the agricultural part of our training is under such a thorough and skillful Professor that it is now one of the most instructive and popular branches in the course, as the experiences of the past year have shown conclusively.

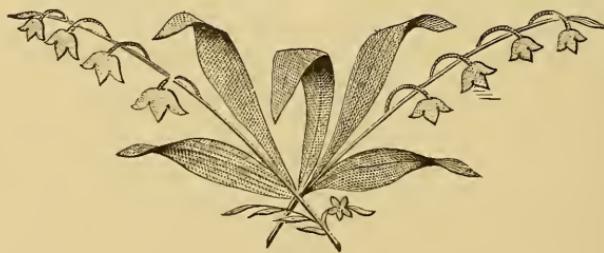
The Military department has been restricted to three drills a week, but it still seems too much to require of each Senior Class that it be obliged to spend about one-third of its time on military studies and drills. The last year of the course is far too valuable for literary or scientific work to be thrown away upon military.

Athletic sports have been well sustained during the past year; our base-ball and foot-ball teams have been quite strong, although from lack of time we have played but few games. We can also boast of good tennis players and riders of the wheel. Our lack of a properly

arranged Gymnasium is strongly felt, especially during the winter term.

There are many other matters which might be commented upon either to praise or to criticise, but we will forbear. The new Chapel is too large a subject to be treated of in as short a manner as would be necessary if undertaken here; its description will be treated of further on. Suffice it to say that it is a source of great rejoicing to see such a fine structure really making its appearance where it is so greatly needed and where it will be so thoroughly appreciated. It will be a fit place for the library, which, through the liberality of the Alumni and friends of the College, has obtained such a good start. The chapel building will furthermore be an honor to the place, and we hope that the end has come to the erection of cheap buildings on the College grounds, and that in future all may be substantial structures worthy of the State which builds them.

Thus it is with great rejoicing that we record the progress of events. Thus, as in all progress, something must be left behind in the onward rush, and we assure you, dear reader, that it is with the greatest possible pleasure that the '86 INDEX Board drop out of the line and fall back into the regular duties of our course. In leaving this volume to your tender mercies, we would once more pray you to tread lightly above our ashes.



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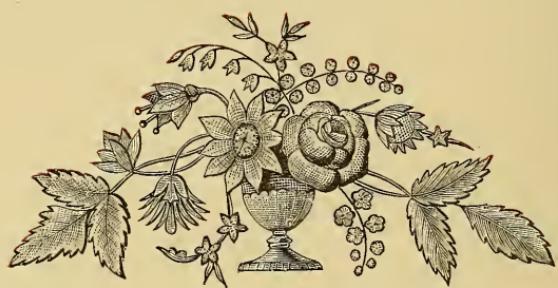
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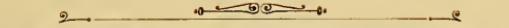
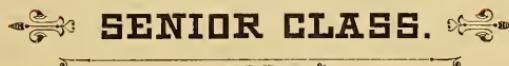
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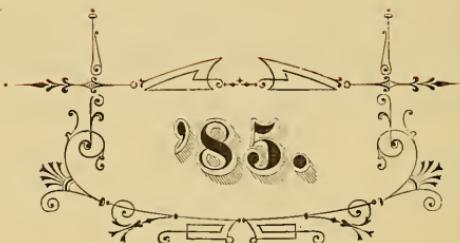
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**T**is with a feeling of commingled sorrow and joy that we, for the fourth time, take up our editorial pen to contribute our mite to the INDEX. We cannot but regret that the pleasantest period of our lives is fast drawing to a close. Soon we must enter upon life's turbulent sea to battle with the waves. But with the moulding our honored professors have given to our intellects, the spirit of integrity that has been graven upon our characters, and the energy and push which the class has never lacked, life's battles will be ours. The storm waves may beat, but with a steady hand at the helm the ship of state will glide smoothly o'er the waves.

We would take occasion to thank our instructors for the ardor and enthusiasm shown in guarding our interests, and in bestowing upon us their fruitful store of knowledge. We shall feel assured that their best wishes accompany us "where'er life's path we tread."

We have at last reached the goal which three years ago seemed so distant, and the pressure of Senior life rests upon our shoulders. Let us sustain it with dignity, and, profiting by the mistakes of others, strive to hold that respect which our situation should command. Let it never be said, "The College lacks a Senior Class," while '85 remains within these walls. Forgetting the follies of the past, we should push forward with undaunted courage, improving to the best of our abilities the few short months that remain.

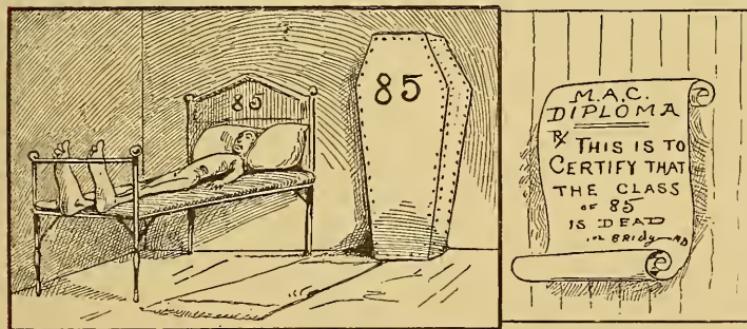
The new Chapel, small though it be, yet grand in its design, promises to fill a link which has long been open, and one for which the College has waited with patient endurance, to have closed. It is

with pleasure that we look forward to the time when our friends and neighbors can gather with the College in its weekly worship and feel that they are enjoying the same privileges furnished in the best sanctuaries.

Our genial Professor of Mathematics, who has but recently left us, carries with him the highest esteem of the whole College. Never shall we forget the noble truths he endeavored to instill into our minds, or the still nobler soul from whence they flowed. Whatever his vocation, or where'er on life's strand his banner may wave, he can rest assured that the best wishes of his former pupils accompany him.

And now, in closing, we would say to our younger friends, do not feel that gaining knowledge from books is all that can be accomplished in a college course. The mental and physical discipline, the experiences passed through by our contact with those around us, and with the world at large, cannot be too highly valued. The man imbued with sound and just principles, with integrity of character, and carrying within his breast a Christian heart, is what the world seeks to-day. Equip yourselves, then, for life's battles ! In the future, when active in the turmoil of life, you will look back with pleasure on the useful and happy days spent at your old College home.

P.



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'86.

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| Winslow, Edgar Daniel   | Ware.           |



FOR the third time the Class of '86 hands in her communication to the INDEX, having attained the enviable position of Junior, with the still more enviable position of Senior only a step in advance. We have passed the second mile-stone of our course at College, and in less than two years we shall be launched into the world to earn for ourselves a name, and put in practice the training we have here received.

We began the year with only three members, who entered in the fall of '82; yet enough men entered last year, so that the number of men in the class has not decreased very much.

The Class of '86 has always taken a lively interest in sports; although small in numbers, yet she has in her ranks one-third of the foot-ball players, and four-ninths of the base-ball players; she also takes the lead in tennis, which has become quite popular during the last year.

We look forward with pleasure to the years remaining us at College, and when we leave our College home, the remembrance of the happy years spent here will act as a stimulus for each one to do his duty, and thus become an honor to his class and to his *Alma Mater*.

A.



+---+---+  
**SOPHOMORE CLASS.**   
+---+---+

'87.

COLORS—OLIVE GREEN AND OLD GOLD.

*OFFICERS.*

|                   |   |   |   |   |   |   |   |                 |
|-------------------|---|---|---|---|---|---|---|-----------------|
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| H. N. W. RIDEOUT, | . | . | . | . | . | . | . | VICE-PRESIDENT. |
| W. N. TOLMAN,     | . | . | . | . | . | . | . | SECRETARY.      |
| J. M. MARSH,      | . | . | . | . | . | . | . | TREASURER.      |
| A. L. ALMEIDA,    | . | . | . | . | . | . | . | CLASS CAPTAIN.  |
| A. W. PAINE,      | . | . | . | . | . | . | . | HISTORIAN.      |

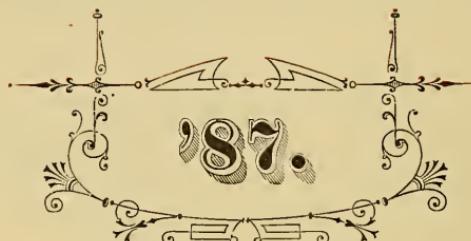
| NAME.                     | RESIDENCE.         | ROOM.          |
|---------------------------|--------------------|----------------|
| Allen, Fred Cunningham    | West Newton,       | 26 S. C.       |
| Almeida, Auguste Luiz de  | Sao Paulo, Brazil, | 7 S. C.        |
| Ateshian, Osgan Hagope    | Sivas, Turkey,     | 24 S. C.       |
| Ball, William Munroe      | Amherst,           | —              |
| Barrett, Edward William   | Milford,           | 6 N. C.        |
| Bond, Richard Henry       | Brookline, Mass.,  | 14 N. C.       |
| Brown, Herbert Lewis      | Peabody,           | Mr. Bang's.    |
| Carpenter, Frank Berton   | Leyden,            | 22 N. C.       |
| Chapin, Clinton Gerdine   | Chicopee,          | 8 N. C.        |
| Chase, William Edward     | Warwick,           | 24 N. C.       |
| Clarke, Frank Scripture   | Lowell,            | 13 N. C.       |
| Davis, Fred Augustus      | Lynn,              | 25 N. C.       |
| Fisherwick, Cyrus Webster | Palmer,            | Mr. Bang's.    |
| Fowler, Fred Homer        | North Hadley,      | 6 S. C.        |
| Hathaway, Bradford Oakman | New Bedford,       | Mr. Kellogg's. |
| Howe, Clinton Samuel      | Marlborough,       | 8 S. C.        |
| Long, Stephen Henry       | Shelburne,         | Mr. Bang's.    |

|                                 |   |          |
|---------------------------------|---|----------|
| Marsh, James Morrill            | Lynn,                                     | 25 N. C. |
| Marshall, Charles Leander       | Lowell,                                   | 8 N. C.  |
| Martin, Joseph                  | Marblehead,                               | 21 N. C. |
| Meehan, Thomas Francis Benedict | Boston,                                   | 9 S. C.  |
| Osterhout, Jeremiah Clarke      | Lowell,                                   | 12 N. C. |
| Paine, Ansel Wass               | Boston,                                   | 26 S. C. |
| Rice, Thomas                    | Shrewsbury,                               | 8 S. C.  |
| Rideout, Henry Norman Waymouth  | Quincy,                                   | 22 S. C. |
| Shaughnessy, John Joseph        | Stowe,                                    | 6 N. C.  |
| Tolman, William Nichols         | Concord,                                  | 7 S. C.  |
| Torelly, Firmino da Silva       | Rio Grande do Sul, Brazil, Mr. Wentzel's. |          |
| White, Herbert Judson           | Wakefield,                                | 14 N. C. |

#### FRESH SOPHOMORES.

|                           |               |          |
|---------------------------|---------------|----------|
| Brown, Frederic Willard   | West Medford, | 29 N. C. |
| Richardson, Evan Fossil   | East Medway,  | 20 N. C. |
| Worthington, Alvan Fisher | Dedham,       | 21 S. C. |
| Watson, Charles Herbert   | Groton,       | 11 S. C. |





**W**E have at last reached the second year of our College course, and congratulate ourselves that we have passed through the trials and vastitude of our Freshman year, to the honor and dignity of Sophomores.

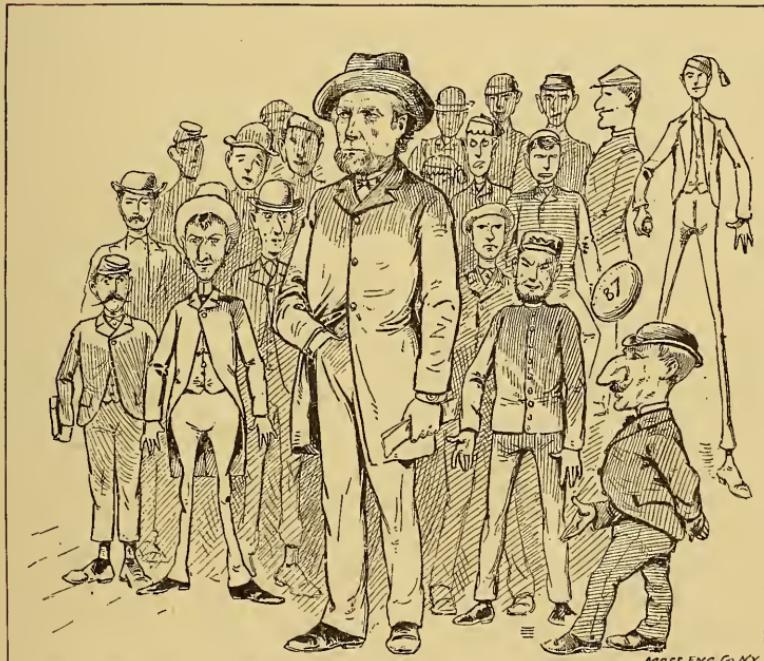
We return from the long summer vacation, invigorated and ready for the year's work. In the year that is passed we think we have learned the art of applying ourselves to our tasks, and therefore we look forward with a great deal of pleasure to the studies of this year, and expect to reap great benefit therefrom, and hope that we may not only show ourselves wise fools, as the title of our class implies, but wise men also.

We were very much disappointed in returning to College not to find a larger class entering, expecting to find it analogous to eighty-seven in numbers, but do not find it analogous in pluck and spirit. They are so timid that we take pity on the dear little "freshies," knowing that they have not the protecting care of their dear mothers, and so are very careful not to bruise them in any way; yet we are on the lookout for some of the latent forces that may be found in their physiological units, and any day may make their appearance.

Eighty-seven has of course carried everything before her thus far, namely, tug-of-war and cane rush; the former proved a very slim affair.

We welcome the new additions to the Faculty (though we miss our former Professor of Mathematics very much), and hope they may find a very pleasant and profitable residence with us. And now, classmates, as we are settling down to the solid work of the year, let us do it well, so that we may feel that the second year of our course was not lost or trifled away.

P.



FRESHMAN CLASS.

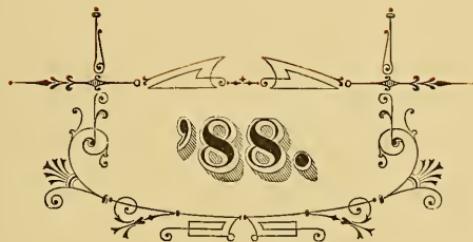
'88.

COLORS—LAVENDER AND ORANGE.

OFFICERS.

|                         |                          |
|-------------------------|--------------------------|
| E. J. DOLE, . . . . .   | PRESIDENT.               |
| E. H. BELDEN, . . . . . | VICE-PRESIDENT.          |
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| G. W. CUTLER, . . . . . | CLASS-CAPTAIN.           |
| F. H. FOSTER, . . . . . | HISTORIAN.               |

| NAME.                      | RESIDENCE.             | ROOM.          |
|----------------------------|------------------------|----------------|
| Ayer, Warren               | Lawrence,              | 13 N. C.       |
| Belden, Edward Henry       | North Hatfield,        | 2 N. C.        |
| Cooley, Fred Smith         | Sunderland,            | 7 N. C.        |
| Cutler, George Washington  | Waltham,               | 22 N. C.       |
| Dickinson, Edwin Harris    | North Amherst,         | 29 S. C.       |
| Dole, Edward Johnson       | Chicopee,              | Mr. Kellogg's. |
| Field, Samuel Hall         | North Hatfield,        | 2 N. C.        |
| Foster, Francis Homer      | Andover,               | 18 S. C.       |
| Hayward, Albert Irving     | Ashby,                 | 28 S. C.       |
| Hinsdale, Rufus Chester    | Greenfield,            | 27 S. C.       |
| Johnson, Irving Halsey     | Newburyport,           | 32 N. C.       |
| Kinney, Lorenzo Foster     | Worcester,             | Mr. Tilson's.  |
| Knapp, Edward Everett      | East Cambridge,        | 18 S. C.       |
| Loomis, Herbert Russell    | North Amherst,         | 7 N. C.        |
| Newman, George Edward      | Newbury,               | 32 N. C.       |
| Noyes, Frank Frederick     | South Hingham,         | 28 S. C.       |
| Parker, James Southworth   | Great Barrington,      | 29 N. C.       |
| Rogers, Howard Perry       | Allston, Boston,       | 22 N. C.       |
| Shepardson, William Martin | Warwick,               | 27 S. C.       |
| Shimer, Boyer Luther       | Redington, Pa.,        | 29 S. C.       |
| Smith, Willis Philip       | Mechanicsville, N. Y., | 21 S. C.       |
| White, Henry Kirke         | Whately,               | 11 N. C.       |



THE Class of '88 has twenty-six members, and though we are few in numbers; we hope to hold together well. Some of our class, however, have already decided to take up studies with the Sophomores.

Perhaps some of us were homesick at first, but, if so, this feeling was soon overcome.

Although we did well in the cane rush, numbers told against us, and the "Sophs" got the cane.

On the 25th of September, some of the '87 men tried to stop our class-meeting by throwing into our midst burning chemicals (a trick which '86 so successfully practiced on them, and from whom they learned it), but '87 did not succeed.

One or two of our numbers have lately been relieved of a bath, and one or two of the Sophomores also.

We think our lack of interest in out-door sports is made up in our studies.

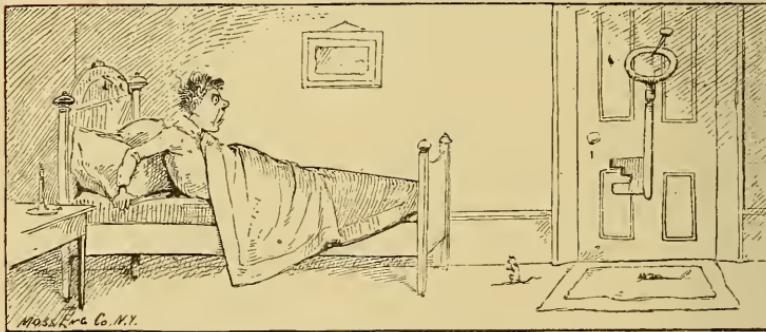
The class of '88 fully appreciate the favors the Juniors have shown us, and the points they have given us.

We understand the bill of fare at the boarding-house has been improved this year, but, in our opinion, no harm would be done by a still greater improvement. Some of the class have proved that they can store up more pie and pudding in fifteen minutes than they can knowledge in two hours.

The spring of '88 seems a great way off, but if the days and weeks fly past us as quickly in the future, as they have done in the short past, we shall be dignified Seniors before we can really comprehend it.

This being our first communication to the INDEX, we hope any error will be overlooked, and believing that "practice makes perfect," we will try and do better in the future.

F.



# Post Graduates.

| NAME.                     | RESIDENCE.  | ROOM.        |
|---------------------------|-------------|--------------|
| Lindsey, Joseph Bridgeo   | Marblehead, | Paradise.    |
| Smith, Llewellyn          | Amherst,    | Mr. Smith's. |
| Stone, Winthrop Ellsworth | Amherst,    | Mr. Stone's. |
| Wheeler, Homer Jay        | Bolton,     | Hermitage.   |

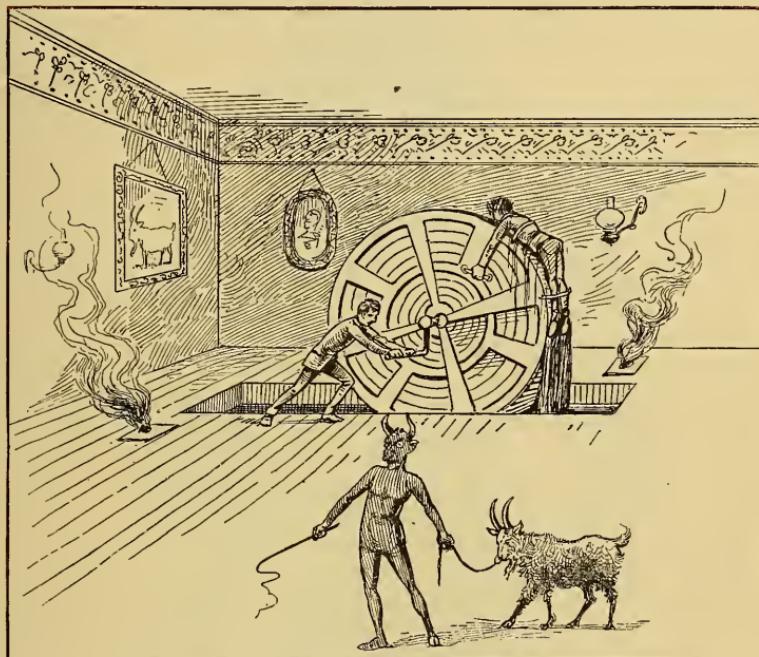
## Recapitulation by States.

|                          |        |
|--------------------------|--------|
| Massachusetts, . . . . . | 71     |
| New York, . . . . .      | 5      |
| Brazil, . . . . .        | 3      |
| Turkey, . . . . .        | 2      |
| Connecticut, . . . . .   | 1      |
| Pennsylvania, . . . . .  | 1      |
| <br>Total, . . . . .     | <br>83 |



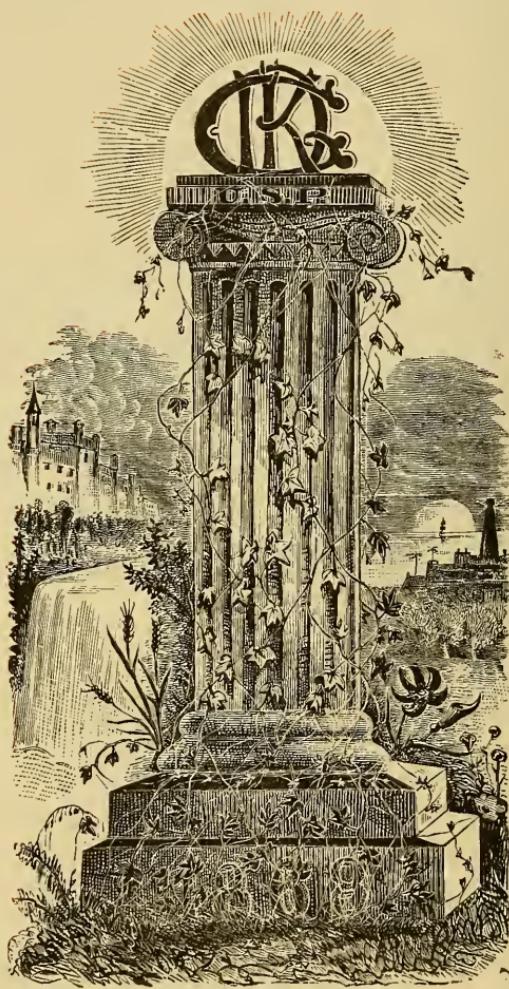
# Secret Societies

of the



Massachusetts  
Agricultural College.

In Order of Establishment.



# D. G. R.

## ALEPH CHAPTER.

### SENIORS.

L. J. Almeida.  
L. C. Leary.

C. S. Phelps.  
I. N. Taylor.

### JUNIORS.

W. H. Atkins.  
W. Ayres.  
D. F. Carpenter.

J. H. Fowler.  
R. B. Mackintosh.  
G. S. Stone.

W. A. Eaton.

### SOPHOMORES.

A. L. Almeida.  
F. W. Brown.  
W. H. Caldwell.  
C. G. Chapin.

C. L. Marshall.  
T. F. B. Meehan.  
J. C. Osterhout.  
T. Rice.

A. F. Worthington.

### FRESHMEN.

E. E. Knapp.  
F. F. Noyes.

W. P. Smith.  
H. K. White.

J. S. Parker.







AMHERST CHAPTER.

Q. T. V.

Founded in 1869.

*RESIDENT GRADUATES.*

C. O. Lovell.

Fred Tuckerman.

*POST GRADUATE.*

Llewellyn Smith.

*SENIORS.*

G. H. Barber.

E. R. Flint.

*SOPHOMORES.*

H. N. W. Rideout.

G. P. Robinson.

*FRESHMAN.*

B. L. Shimer.



# P. S. K.

## PI CHAPTER.

### *SENIORS.*

H. Howell.

C. W. Browne.

### *JUNIORS.*

A. L. Kinney.  
K. Sanborn.

G. W. Wheeler.  
R. F. Duncan.

### *SOPHOMORES.*

F. S. Clarke.  
A. W. Paine.  
R. H. Bond.

H. J. White.  
F. C. Allen.  
S. H. Long.

E. F. Richardson.

### *FRESHMEN.*

G. W. Cutler.  
E. J. Dole.

H. P. Rogers.  
W. Ayer.

R. C. Hinsdale.

Non-Secret

Society.

---

THE COLLEGE SHAKESPERIAN CLUB.

FOUNDED SEPTEMBER 20, 1879.



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| J. E. GOLDTHWAIT, . . . . . | DIRECTOR.       |
| C. F. W. FELT, . . . . .    | "               |
| F. H. FOWLER, . . . . .     | "               |

*POST GRADUATES.*

|                |                |
|----------------|----------------|
| J. B. Lindsey. | H. J. Wheeler. |
|----------------|----------------|

*SENIORS.*

|                   |              |
|-------------------|--------------|
| J. E. Goldthwait. | E. W. Allen. |
|-------------------|--------------|

*JUNIORS.*

|                |              |
|----------------|--------------|
| C. F. W. Felt. | C. W. Clapp. |
|----------------|--------------|

*SOPHOMORES.*

|               |                   |
|---------------|-------------------|
| J. M. Marsh.  | J. Martin.        |
| H. L. Brown.  | F. A. Davis.      |
| F. H. Fowler. | F. B. Carpenter.  |
| C. S. Howe.   | C. W. Fisherwick. |

*FRESHMEN.*

|                |              |
|----------------|--------------|
| A. I. Hayward. | S. H. Field. |
|----------------|--------------|



**BRAZILIAN FRATERNITY.**

**Massachusetts Agricultural College, Amherst, Mass.**

Luciano José de Almeida.

Augusto Luiz de Almeida.

Fermino de Silva Torelly.

**Pennsylvania University.**

Emygdio Dias Novaes, Medical Department.

Odorico Goncalves Lemos, Medical Department.

**Troy University.**

José Contreiras Martins.

José Ferreira de Valle.

Ch. P. de Olhucar Cintra.

Antonio C. de Agruar Melchert.

Roberto de Souza Barros.

**Free Institute, Worcester, Mass.**

Alfredo Alexandre Franklym.

**Boston, Mass.**

João Fermino Marques (next year Cornell, Ithaca).

College  
Christian Union  
and  
Literary Societies.



## COLLEGE CHRISTIAN UNION.

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|                   |               |
|-------------------|---------------|
| C. W. Browne.     | L. C. Leary.  |
| J. E. Goldthwait. | C. S. Phelps. |
|                   | B. Tekirian.  |

### JUNIORS.

|              |                |
|--------------|----------------|
| C. W. Clapp. | W. A. Eaton.   |
|              | C. F. W. Felt. |

### SOPHOMORES.

|               |                  |
|---------------|------------------|
| R. H. Bond.   | C. L. Marshall.  |
| C. G. Chapin. | J. Martin.       |
| W. E. Chase.  | J. C. Osterhout. |
| F. H. Fowler. | T. Rice.         |
| C. S. Howe.   | H. J. White.     |
|               | J. M. Marsh.     |

### FRESHMEN.

|                |               |
|----------------|---------------|
| S. H. Field.   | E. H. Belden. |
| A. I. Hayward. | F. F. Noyes.  |
| F. H. Foster.  | E. E. Knapp.  |
| H. P. Rogers.  | H. K. White.  |

\* WASHINGTON IRVING LITERARY \*  
SOCIETY. \*

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| C. S. PHELPS,     | TREASURER.      |
| L. C. LEARY,      | DIRECTOR.       |
| B. TEKIRIAN,      | "               |
| C. W. CLAPP,      | "               |

SENIORS.

|                   |               |
|-------------------|---------------|
| C. S. Phelps.     | L. C. Leary.  |
| J. E. Goldthwait. | G. H. Barber. |
| B. Tekirian.      | H. Howell.    |

JUNIORS.

|                |                  |
|----------------|------------------|
| W. A. Eaton.   | W. Ayres.        |
| C. F. W. Felt. | D. F. Carpenter. |
| C. W. Clapp.   | J. H. Fowler.    |

G. S. Stone.

SOPHOMORES.

|                    |                 |
|--------------------|-----------------|
| J. C. Osterhout.   | W. H. Caldwell. |
| C. G. Chapin.      | C. S. Howe.     |
| H. J. White.       | F. A. Davis.    |
| J. J. Shaughnessy. | F. W. Brown.    |
| F. H. Fowler.      | O. H. Ateshian. |
| W. E. Chase.       | J. M. Marsh.    |

FRESHMEN.

|               |              |
|---------------|--------------|
| F. H. Foster. | E. E. Knapp. |
| F. F. Noyes.  |              |

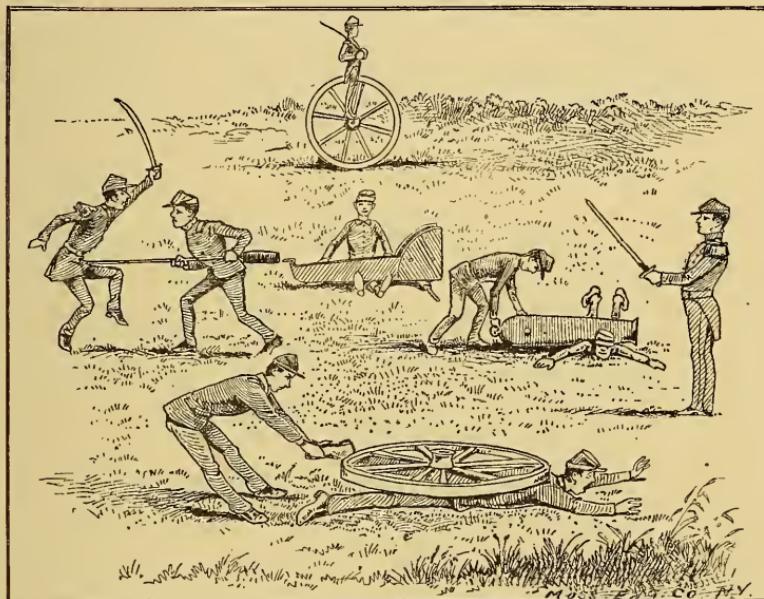
A new departure was taken by the Washington Irving Society during the past year in giving an exhibition of Oratory. This occurred near the end of the winter term, and the practice in speaking afforded by the society was shown by the excellent declamations given by Messrs. Leary, '85; Wheeler, Ayres, Sanborn and Kinney, '86; and Shaughnessy, '87. Music was furnished by the Aggie Quintette, consisting of Messrs. Barber and Brooks, '85; Mackintosh and Wheeler, '86; and White, '87.

This year a prize debate will occur at the end of the fall term, which promises to be of considerable interest.



# MILITARY DEPARTMENT

OF THE



# MASSACHUSETTS AGRICULTURAL COLLEGE.



## ORGANIZATION.

### *COMMANDANT AND INSTRUCTOR.*

1<sup>ST</sup> LIEUT. VICTOR H. BRIDGMAN, 2<sup>D</sup> ART., U. S. A.,  
Prof. Military Science and Tactics.

### **BATTALION ORGANIZATION.**

#### **Commissioned Staff.**

J. E. GOLDTHWAIT, Cadet, Captain, Brevet Major and Assistant Instructor in Tactics.

G. H. BARBER, Cadet, First Lieutenant and Adjutant.

C. S. PHELPS, Cadet, First Lieutenant and Quartermaster.

#### **Non-Commissioned Staff.**

G. W. WHEELER, Cadet, Sergeant-Major.

D. F. CARPENTER, Cadet, Quartermaster-Sergeant.

#### **Color Guard.**

Cadet K. Sanborn, Color Sergeant National Colors.

“ R. F. Duncan, “ “ State Colors.

“ W. H. Caldwell, 1<sup>ST</sup> Color Corporal.

“ S. H. Long, 2<sup>D</sup> Color Corporal.

“ C. S. Howe, 3<sup>D</sup> Color Corporal.

### Morris Drum Corps.

|                                 |                    |
|---------------------------------|--------------------|
| Cadet R. F. Duncan, Drum-Major. | Cadet F. W. Brown. |
| “ H. J. White.                  | “ C. H. Watson.    |
| “ H. N. W. Rideout.             | “ F. H. Fowler.    |
| Cadet G. W. Cutler.             |                    |

---

### Company A.

|                     |                   |
|---------------------|-------------------|
| Cadet Captain,      | J. E. Goldthwait. |
| “ First Lieutenant, | H. Howell.        |
| “ First Sergeant,   | C. W. Clapp.      |
| “ Second Sergeant,  | A. L. Kinney.     |
| “ Third Sergeant,   | G. S. Stone.      |
| “ Fourth Sergeant,  | W. H. Atkins.     |
| “ First Corporal,   | H. J. White.      |

---

### Company B.

|                     |                   |
|---------------------|-------------------|
| Cadet Captain,      | E. W. Allen.      |
| “ First Lieutenant, | C. W. Browne.     |
| “ First Sergeant,   | W. Ayres.         |
| “ Second Sergeant,  | K. Sanborn.       |
| “ Third Sergeant,   | R. B. Mackintosh. |
| “ First Corporal,   | J. M. Marsh.      |

---

### Company C.

|                     |                    |
|---------------------|--------------------|
| Cadet Captain,      | E. R. Flint.       |
| “ First Lieutenant, | A. L. Almeida.     |
| “ First Sergeant,   | J. K. Barker.      |
| “ Second Sergeant,  | R. F. Duncan.      |
| “ Third Sergeant,   | C. F. W. Felt.     |
| “ First Corporal,   | J. J. Shaughnessy. |

---

### Artillery Drills.

#### LIGHT BATTERY.

#### ASSISTANT INSTRUCTORS.

Cadets of Senior Class.

#### CANnoneers.

Cadets of Junior and Sophomore Classes.

**Saber Drills.**

*ASSISTANT INSTRUCTORS.*

Cadets of Senior Class.

*DETACHMENTS.*

Cadets of Junior and Sophomore Classes.

---

**Mortar Drills.**

*ASSISTANT INSTRUCTORS.*

Cadets of Senior Class.

*CANNONEERS.*

Cadets of Junior Class.

---

*APPOINTMENTS.*

Staff and Commissioned Officers are selected from Senior Class.

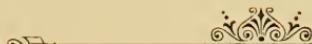
Non-Commissioned Staff and Sergeants selected from Junior Class.

Corporals selected from Sophomore Class.

All members of the Senior Class are required to act as instructors at the various drills, and as such are subject to regular details.



Miscellaneous  
Organizations.


**RIFLE ASSOCIATION.**


*OFFICERS.*

|  |                          |
|--|--------------------------|
| G. H. BARBER, '85,                     | PRESIDENT.               |
| H. C. HOWELL, '85,                     | VICE-PRESIDENT.          |
| R. B. MACKINTOSH, '86,                 | SECRETARY AND TREASURER. |
| 1 <sup>ST</sup> LIEUT. V. H. BRIDGMAN, | DIRECTOR.                |
| C. W. CLAPP, '86,                      | "                        |
| W. AYRES, '86,                         | "                        |

*SENIORS.*

|               |               |
|---------------|---------------|
| G. H. Barber. | H. C. Howell. |
| C. S. Phelps. | E. R. Flint.  |

*JUNIORS.*

|               |                   |
|---------------|-------------------|
| W. Ayres.     | J. K. Barker.     |
| G. S. Stone.  | R. B. Mackintosh. |
| R. F. Duncan. | C. W. Clapp.      |

*SOPHOMORES.*

|                  |                    |
|------------------|--------------------|
| H. L. Brown.     | W. E. Chase.       |
| F. W. Brown.     | F. B. Carpenter.   |
| T. F. B. Meehan. | A. F. Worthington. |
| C. G. Chapin.    | H. W. Noyes.       |

*FRESHMEN.*

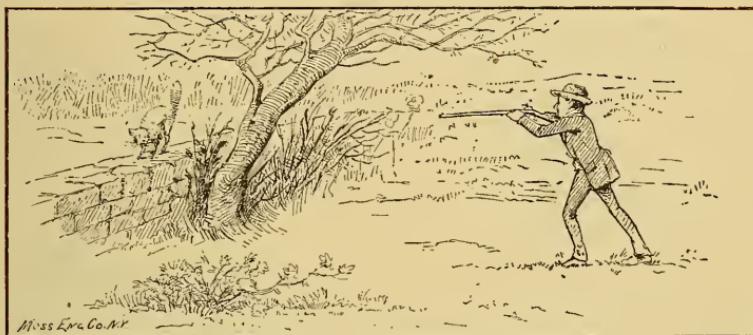
|                |               |
|----------------|---------------|
| G. W. Cutler.  | E. J. Dole.   |
| I. H. Johnson. | H. P. Rogers. |

G. E. Newman.

*HONORARY MEMBER.*

First Lieutenant V. H. Bridgman.


**SPORTING CLUB.**



*OFFICERS.*

|               |                          |
|---------------|--------------------------|
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| H. C. HOWELL, | VICE-PRESIDENT.          |
| E. R. FLINT,  | SECRETARY AND TREASURER. |

*SENIORS.*

|               |               |
|---------------|---------------|
| G. H. Barber. | H. C. Howell. |
| E. R. Flint.  | C. S. Phelps. |

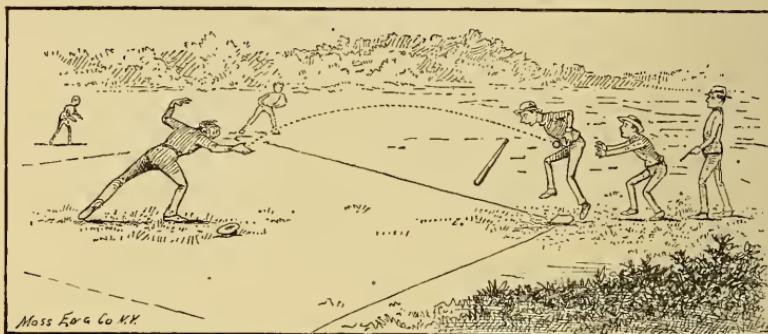
*JUNIORS.*

|              |                   |
|--------------|-------------------|
| C. W. Clapp. | R. B. Mackintosh. |
|              | R. F. Duncan.     |

*SOPHOMORES.*

|          |                    |
|----------|--------------------|
| T. Rice. | A. F. Worthington. |
|----------|--------------------|

**BASE BALL ASSOCIATION.**



*OFFICERS.*

|               |   |   |   |   |   |   |   |   |   |   |            |
|---------------|---|---|---|---|---|---|---|---|---|---|------------|
| L. C. LEARY,  | . | . | . | . | . | . | . | . | . | . | PRESIDENT. |
| C. W. BROWNE, | . | . | . | . | . | . | . | . | . | . | SECRETARY. |
| W. AYRES,     | . | . | . | . | . | . | . | . | . | . | DIRECTOR.  |
| J. H. FOWLER, | . | . | . | . | . | . | . | . | . | . | "          |
| F. H. FOWLER, | . | . | . | . | . | . | . | . | . | . | "          |
| B. L SHIMER,  | . | . | . | . | . | . | . | . | . | . | "          |

*Aggie Nine.*

H. HOWELL, Captain, c.

A. L. Kinney, p.  
 W. Ayres, 1 b.  
 R. F. Duncan, 2 b.  
 J. H. Fowler, 3 b.

W. Ayer, s. s.  
 F. H. Fowler, l. f.  
 J. K. Barker, r. f.  
 H. J. White, c. f.

Class Nines.

'85.

G. H. BARBER, Captain, p.

|                        |                      |
|------------------------|----------------------|
| H. Howell, c.          | E. W. Allen, s. s.   |
| C. S. Phelps, 1 b.     | E. R. Flint, l. f.   |
| J. E. Goldthwait, 2 b. | L. J. Almeida, r. f. |
| C. W. Browne, 3 b.     | I. N. Taylor, c. f.  |

'86.

A. L. KINNEY, Captain, p.

|                    |                         |
|--------------------|-------------------------|
| J. K. Barker, c.   | W. H. Atkins, s. s.     |
| W. Ayres, 1 b.     | K. Sanborn, l. f.       |
| R. F. Duncan, 2 b. | G. S. Stone, r. f.      |
| J. H. Fowler, 3 b. | R. B. Mackintosh, c. f. |

'87.

H. J. WHITE, Captain, 3 b.

|                    |                     |
|--------------------|---------------------|
| T. Meehan, c.      | W. M. Ball, s. s.   |
| T. Rice, p.        | F. H. Fowler, l. f. |
| F. S. Clarke, 1 b. | H. Rideout, r. f.   |
| J. Martin, 2 b.    | F. C. Allen, c. f.  |

'88.

W. AYER, Captain, c.

|                        |                     |
|------------------------|---------------------|
| R. C. Hinsdale, p.     | H. P. Rogers, s. s. |
| F. F. Noyes, 1 b.      | F. H. Foster, l. f. |
| E. H. Belden, 2 b.     | B. L. Shimer, r. f. |
| E. F. Richardson, 3 b. | E. J. Dole, c. f.   |




**FOOT BALL ASSOCIATION.**



*OFFICERS.*

|                  |           |                   |
|------------------|-----------|-------------------|
| J. E. GOLDSWAIT, | · · · · · | PRESIDENT.        |
| G. H. BARBER,    | · · · · · | BUSINESS MANAGER. |
| E. W. ALLEN,     | · · · · · | TREASURER.        |
| C. S. PHELPS,    | · · · · · | DIRECTOR.         |
| W. H. ATKINS,    | · · · · · | "                 |
| W. H. CALDWELL,  | · · · · · | "                 |
| S. H. FIELD,     | · · · · · | "                 |

*Aggie Team.*

W. AYRES, Captain.

*RUSHERS.*

|                    |                   |
|--------------------|-------------------|
| C. W. Clapp.       | R. B. Mackintosh. |
| W. M. Ball.        | A. L. Almeida.    |
| F. S. Clarke.      | R. F. Duncan.     |
| J. J. Shaughnessy. |                   |

*QUARTER BACK.*

C. W. Browne.

*HALF BACKS.*

W. Ayres. F. C. Allen.

*FULL BACK.*

G. H. Barber.

W. H. Atkins, 1st Sub. J. Martin, 2d Sub.

Class **Elevens.**

**'85.**

H. HOWELL, Captain.

*RUSHERS.*

J. E. Goldthwait.  
E. W. Allen.  
I. N. Taylor.

L. J. Almeida.  
C. S. Phelps.  
E. R. Flint.

B. O. Tekirian.

*QUARTER BACK.*

C. W. Browne.

*HALF BACKS.*

H. Howell.

G. H. Barber.

*FULL BACK.*

L. C. Leary.

**'86.**

C. W. CLAPP, Captain.

*RUSHERS.*

C. W. Clapp.  
D. F. Carpenter.  
G. S. Stone.

K. Sanborn.  
C. F. W. Felt.  
R. F. Duncan.

J. K. Barker.

*QUARTER BACK.*

W. H. Atkins.

*HALF BACKS.*

W. Ayres.

R. B. Mackintosh.

*FULL BACK.*

J. H. Fowler.

**'87.**

F. C. ALLEN, Captain.

*RUSHERS.*

H. J. White.  
W. M. Ball.  
J. Martin.

F. S. Clarke.  
W. E. Chase.  
A. F. Worthington.

J. J. Shaughnessy.

*QUARTER BACK.*

T. Rice.

*HALF BACKS.*

F. C. Allen.

A. L. Almeida.

*FULL BACK.*

F. H. Fowler.

'88.

G. W. CUTLER, Captain.

*RUSHERS.*

E. F. Noyes,

A. I. Hayward.

E. J. Dole.

E. E. Knapp.

E. F. Richardson.

G. W. Cutler.

R. C. Hinsdale.

*QUARTER BACK.*

H. P. Rogers.

*HALF BACKS.*

B. L. Shimer.

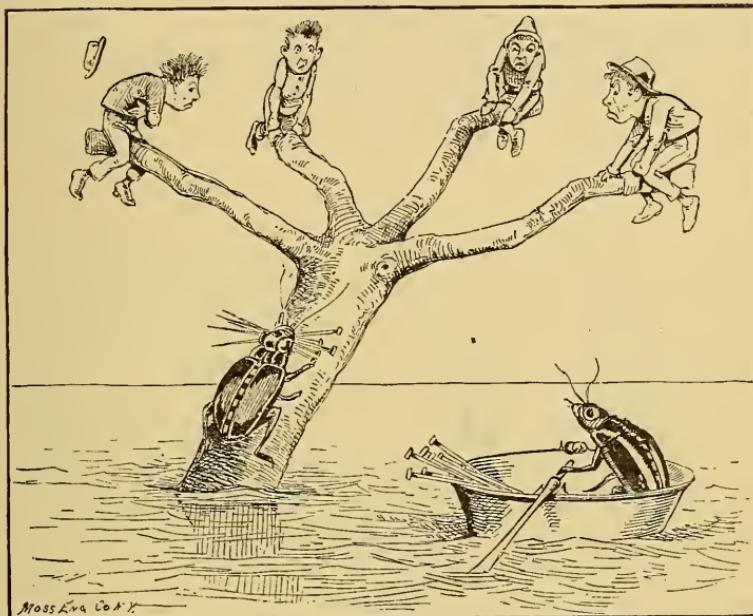
E. H. Belden.

*FULL BACK.*

G. E. Newman.



\* THE NATURAL HISTORY SOCIETY. \*



OFFICERS.

|                 |                 |
|-----------------|-----------------|
| GEO. H. BARBER, | PRESIDENT.      |
| E. R. FLINT,    | VICE-PRESIDENT. |
| C. W. BROWNE,   | SECRETARY.      |
| W. H. CALDWELL, | TREASURER.      |
| C. W. CLAPP,    | DIRECTOR.       |
| K. SANBORN,     | "               |

MEMBERS.

|                 |                 |
|-----------------|-----------------|
| H. Howell.      | C. W. Browne.   |
| E. R. Flint.    | L. C. Leary.    |
| Geo. H. Barber. | C. S. Phelps.   |
| W. Ayres.       | K. Sanborn.     |
| R. F. Duncan.   | W. H. Caldwell. |
| C. W. Clapp.    | J. M. Marsh.    |
| F. A. Davis.    | C. L. Marshall. |


**MUSICAL ASSOCIATION.**



**THE HOWLERS.**

THOMAS CHARMBURY, Conductor.

|                         |            |                             |
|-------------------------|------------|-----------------------------|
| R. B. Mackintosh, '86,  | 1st Tenor. | M. B. Kingman, 1st Bass.    |
| F. S. Torrelly, '87,    | "          | C. W. Clapp, '86, "         |
| F. W. Brown, '87,       | "          | K. Sanborn, '86, "          |
| C. W. Fisherwick, '87,  | "          | F. F. Noyes, '88, "         |
| J. E. Goldthwait, '85,  | 2d Tenor.  | F. H. Foster, '88, "        |
| C. F. W. Felt, '86,     | "          | H. P. Rogers, '88, "        |
| R. F. Duncan, '86,      | "          | C. S. Phelps, '85, 2d Bass. |
| C. L. Marshall, '87,    | "          | J. K. Barker, '86, "        |
| J. J. Shaughnessy, '87, | "          | D. F. Carpenter, '86, "     |
| B. L. Shimer, '88,      | "          | J. M. Marsh, '87, "         |
| E. E. Knapp, '88,       | "          | R. C. Hinsdale, '88, "      |
| G. W. Cutler, '88,      | "          | E. F. Richardson, '88, "    |

## COLLEGE CHOIR.

G. W. CUTLER, Organist.

|                          |                        |
|--------------------------|------------------------|
| G. H. Barber, 1st Tenor. | E. W. Allen, 2d Tenor. |
| W. Ayer, 1st Bass.       | A. W. Paine, 2d Tenor. |
| H. J. White, 2d Bass.    | L. Smith, 2d Bass.     |

### '85 Quartette.

|                             |                        |
|-----------------------------|------------------------|
| G. H. Barber, 1st Tenor.    | E. W. Allen, 1st Bass. |
| J. E. Goldthwait, 2d Tenor. | C. S. Phelps, 2d Bass. |

### '86 Quartette.

|                              |                        |
|------------------------------|------------------------|
| R. B. Mackintosh, 1st Tenor. | G. S. Stone, 1st Bass. |
| G. W. Wheeler, 2d Tenor.     | W. Ayres, 2d Bass.     |

### '87 Quartette.

|                         |                        |
|-------------------------|------------------------|
| F. W. Brown, 1st Tenor. | H. J. White, 1st Bass. |
| A. W. Paine, 2d Tenor.  | J. M. Marsh, 2d Bass.  |

### '88 Quartette.

|                         |                         |
|-------------------------|-------------------------|
| W. Ayer, 1st Tenor.     | F. H. Foster, 1st Bass. |
| B. L. Shimer, 2d Tenor. | F. F. Noyes, 2d Bass.   |

## ORCHESTRA.

### VIOLINS.

|                         |               |
|-------------------------|---------------|
| H. C. Howell.           | G. S. Stone.  |
| R. F. Duncan (Special). | F. H. Foster. |

### FLUTES.

|              |               |
|--------------|---------------|
| F. H. Brown. | F. M. Fowler. |
|--------------|---------------|

### GUITARS.

|                   |              |
|-------------------|--------------|
| J. E. Goldthwait. | E. R. Flint. |
|-------------------|--------------|

### CORNET.

H. J. White.

### BANJO.

K. Sanborn.

### JEWISHARP.

F. S. Cooley.

# COLLEGE READING ROOM.

## OFFICERS.

|                        |                          |
|------------------------|--------------------------|
| J. E. GOLDTHWAIT, '85, | PRESIDENT.               |
| G. S. STONE, '86,      | SECRETARY AND TREASURER. |
| E. R. FLINT, '85,      | DIRECTOR.                |
| C. W. CLAPP, '86,      | "                        |
| T. F. B. MEEHAN, '87,  | "                        |
| I. H. JOHNSON, '88,    | "                        |

## NEWSPAPERS AND PERIODICALS.

### DAILIES.

|                   |                         |
|-------------------|-------------------------|
| New York Tribune. | Boston Journal.         |
| Boston Herald.    | New York Sun.           |
| New York Graphic. | Springfield Republican. |

### MA GAZINES.

|                          |                        |
|--------------------------|------------------------|
| Popular Science Monthly. | American Naturalist.   |
| Harper's Magazine.       | North American Review. |
| Century.                 | Veterinary Review.     |

### COLLEGE.

|              |                  |
|--------------|------------------|
| Yale Record. | Amherst Student. |
|              | Princetonian.    |

### AGRICULTURAL.

|                          |                      |
|--------------------------|----------------------|
| New England Farmer.      | American Cultivator. |
| New England Homestead.   | American Dairyman.   |
| Massachusetts Ploughman. | Farmers' Review.     |
| American Agriculturist.  | Nebraska Farmer.     |
| Purdy's Fruit Recorder.  | Home and Farm.       |

### Colorado Farmer.

### MISCELLANEOUS.

|                              |                       |
|------------------------------|-----------------------|
| Puck.                        | Amherst Record.       |
| Harper's Weekly.             | Forest and Stream.    |
| Leslie's Illustrated Weekly. | Lowell Journal.       |
| Burlington Hawkeye.          | Gazette and Courier.  |
| Army and Navy Register.      | American Bee Journal. |
| Scientific American.         | Canoeist.             |

### Scientific American Supplement.

### RELIGIOUS.

|                          |                 |
|--------------------------|-----------------|
| Zion's Herald.           | Weekly Witness. |
| New Jerusalem Messenger. |                 |



PRIZES.

**FARNSWORTH RHETORICAL PRIZES.**

*SOPHOMORE CLASS, '86.*

W. A. Eaton, First Prize, \$30 worth of books.  
G. S. Stone, Second Prize, \$20 worth of books.

*FRESHMAN CLASS, '87.*

E. W. Barrett, First Prize, \$30 worth of books.  
A. H. Ateshian, Second Prize, \$20 worth of books.

**GRINNELL AGRICULTURAL PRIZES.**

E. A. Jones, First Prize, \$50.  
C. Herms, Second Prize, \$30.

**MILITARY PRIZE.**

C. Herms.

**FRESHMAN DRILL PRIZES.**

E. W. Barrett, First Prize.  
F. S. Clark, Second Prize.

## THE NEW CHAPEL.

**A**T last the much needed library and chapel building is about to become a reality. In response to Prof. Goodell's earnest appeals at commencement in 1883, a committee was chosen by the Alumni to look the matter up and enlarge the library, which was at that time wholly inadequate to the wants of the students and agriculturists who will in time make it a center for investigation and research.

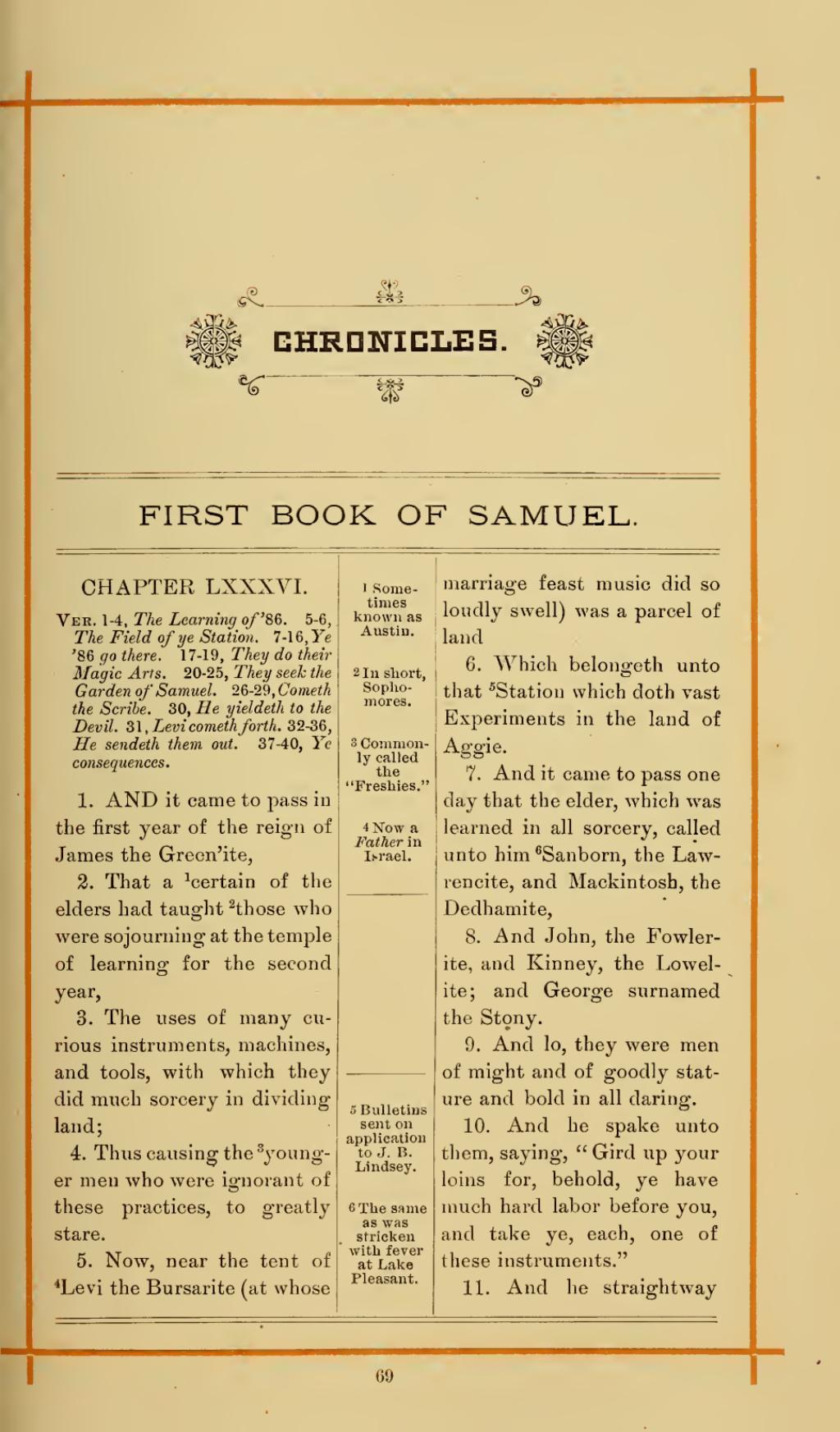
President Greenough eagerly joined in the work, and through his efforts the Legislature appropriated \$25,000 for a chapel building, the lower story of which should be used as a library.

The corner-stone was laid November 6, 1884. As the weather was very cold and disagreeable the exercises accompanying it were held in the old chapel, where addresses were made by the Alumni and gentlemen interested, among them, Hon. C. L. Flint, O. B. Hadwin, Esq., and ex-President Stockbridge. Beneath the corner-stone were laid a copy of the original charter of the college, an '82 INDEX, which contains the pictures of the Presidents, a copy of the last Cycle, and several daily papers.

The building will be of a simple Romanesque style of architecture, two stories in height, with a tower ninety-six feet high on the south-east corner. It is being constructed of Pelham granite, from the quarry owned by the college, and trimmed with brown sandstone. There is a gable on each side. The first story will be used for a library and reading-room, and the upper as a chapel. The whole will be finished in ash and hard pine.

Much has been done already toward placing the books, numbering about twenty-seven hundred, in an available condition.

Under Prof. Goodell's watchful eye, they have been re-catalogued this summer, and owing to the present accessibility three times as many books have been taken out this last term than during any other single term.



## CHRONICLES.

### FIRST BOOK OF SAMUEL.

#### CHAPTER LXXXVI.

VER. 1-4, *The Learning of '86.* 5-6, *The Field of ye Station.* 7-16, *Ye '86 go there.* 17-19, *They do their Magic Arts.* 20-25, *They seek the Garden of Samuel.* 26-29, *Cometh the Scribe.* 30, *He yieldeth to the Devil.* 31, *Levi cometh forth.* 32-36, *He sendeth them out.* 37-40, *Ye consequences.*

1. AND it came to pass in the first year of the reign of James the Green'ite,

2. That a <sup>1</sup>certain of the elders had taught <sup>2</sup>those who were sojourning at the temple of learning for the second year,

3. The uses of many curious instruments, machines, and tools, with which they did much sorcery in dividing land;

4. Thus causing the <sup>3</sup>younger men who were ignorant of these practices, to greatly stare.

5. Now, near the tent of <sup>4</sup>Levi the Bursarite (at whose

<sup>1</sup>Sometimes known as Austin.

<sup>2</sup>In short, Sophomores.

<sup>3</sup>Commonly called the "Freshies."

<sup>4</sup>Now a Father in Israel.

<sup>5</sup>Bulletins sent on application to J. B. Lindsey.

<sup>6</sup>The same as was stricken with fever at Lake Pleasant.

marriage feast music did so loudly swell) was a parcel of land

6. Which belongeth unto that <sup>5</sup>Station which doth vast Experiments in the land of Aggie.

7. And it came to pass one day that the elder, which was learned in all sorcery, called unto him <sup>6</sup>Sanborn, the Lawrencite, and Mackintosh, the Dedhamite,

8. And John, the Fowlerite, and Kinney, the Lowellite; and George surnamed the Stony.

9. And lo, they were men of might and of goodly stature and bold in all daring.

10. And he spake unto them, saying, "Gird up your loins for, behold, ye have much hard labor before you, and take ye, each, one of these instruments."

11. And he straightway

giyeth unto each one some machine of magic. And he commanded them again, saying,

12. "Go ye to a field near the house of <sup>7</sup>Levi the Bursarite which doth belong to that Station which performeth wondrous researches in our land."<sup>8</sup>

13. "And when ye shall find it, deal ye with it in all manner as I have before taught you, and find ye the length thereof with the breadth also."

14. "And when ye shall have performed this thing I will come unto you and see that ye have done all things even as I have commanded."

15. And they <sup>9</sup>spat upon their hands and did lift their burdens everyone to his shoulder and departed unto the land of Samuel toward the tent of <sup>10</sup>Levi;

16. And when they had found the parcel of land of which the learned man had warned them, they did commence their magic art.

17. And lo, the day was hot and the labor heavy, but they halted not nor <sup>11</sup>blasphemed.

18. And when they had done in all things even as they had been commanded, they did gather up their instruments of magic and sorcery;

<sup>7</sup> Also called the Dulcet-Voiced.

<sup>8</sup> A cold-wave flag it doth also unfurl when the weather doth moderate.

<sup>9</sup> For their burdens were heavy and might slip from their hands.

<sup>10</sup> And it is ever said that they did see Levi kiss the sister of Samuel in his tent.

<sup>11</sup> A wonderful thing in Aggie.

<sup>12</sup> For the breakfast hour was long since passed.

<sup>13</sup> This is doubted by some authorities.

<sup>14</sup> For he had a big head and immediately mistrusted where they have gone.

19. And when they had placed them together in a mass, they did sink upon the ground from <sup>12</sup>hunger and thirst.

20. And when they were a little rested they communed one with another as to how they might get refreshment, for they were sore an hungered.

21. And one said unto them, "Lo, yonder is the garden of Samuel. Let us go there and eat."

22. But another saith, "It is forbidden fruit and we may not touch it."<sup>13</sup> But they helden not his word.

23. And when he beholdeth they will not hearken unto him, he saith, "Lo, methinks I will not delay lest I faint, but will share with them the dangers of the garden."

24. And he did run and overtake the brethren.

25. And as they all came to the garden they entered softly therein and did eat and became much refreshed.

26. In the meantime cometh the wise man and finding not the disciples goeth forth to find them.

27. And lo, he searcheth for them straight toward the <sup>14</sup>garden of Samuel.

28. And when he findeth them he saith unto them, "Little Bo-Peep has lost her

sheep and knows just where to find them.”<sup>15</sup>

29. For lo, he was learned in ancient lore also.

30. And he looketh and beholdeth the garden to be full of fruit and goodly and he yieldeth to the Devil and picketh and <sup>16</sup>eateth.

31. And when by chance Levi, the servant of Samuel, seeth the devastation of the garden of his master he rusheth forth like the wind, even like the chariot of Jehu rusheth he forth.

32. And when he is yet a long way off he calleth <sup>17</sup>aloud unto the learned scribe saying,

33. “How is this that thou not only allow these young men to eat of the forbidden fruit but doth eat thereof thyself and bringeth great devastation !”

34. And when he approacheth nearer he deliv-

<sup>15</sup> Free translation of Homer.

<sup>16</sup> Behold, none are without sin.

<sup>17</sup> But he could not be heard, owing to his dulcet voice.

<sup>18</sup> Also written “Taffy.”

<sup>19</sup> Even unto James the Green’ite.

<sup>20</sup> But the youth wish him back most heartily.

<sup>21</sup> Long life to ’86!

ereth unto them exceeding rebuke and giveth them <sup>18</sup>baos.

35. So that the learned scribe is very much ashamed and blusheth even to the roots of his mustache.

36. And he confesseth his transgression and departeth ashamed and the youth also.

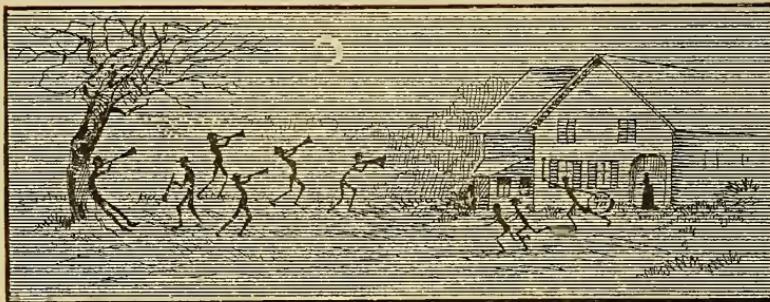
37. But when Samuel heard of it he was exceeding wroth and goeth to the <sup>19</sup>king and complaineth of the devastation of his garden.

38. And the king was angered against his servant the scribe.

39. And when the scribe had fulfilled the term of his office, lo, the king dismisseth him and driveth him away in <sup>20</sup>anger.

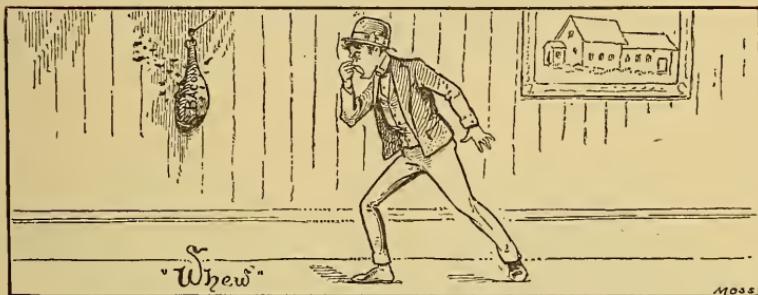
40. But the youth remain in the kingdom of Aggie <sup>21</sup>even to this day. Selah.





There was a sound of deviltry by night,  
And Aggie's warlike drum had mustered out  
Her boldness and her bravery; and dark  
The night closed round, mysterious, dread.  
Three-score or more of hearts beat happily; and when  
Music arose, with its voluptuous swell,  
Bold eyes looked hope to eyes which spake again,  
And all went merry as a marriage bell.  
But hush! Hark! A voice breaks in upon the startled ear,  
Saying in tones so soft, so low, and yet so clear,—  
“*Levi, have you got the drum?*”


**BEN WARE'S HOTEL.**



MOSS

**FLINT.**—Hash-house feed is not his greatest enticement.

**TAYLOR.**—Sits with the Freshmen. “Birds of a feather—”

**CALDWELL.**—The butter is rank, but ranker far his puns.

**BROWN** (Chingers).—Like a bird, he casts his eyes toward heaven after every swallow.

**BARRETT.**—

**CHAPIN.**—

**MARSHALL.**—

On one meal a day they survive, but, oh, what a meal is that one!

**OSTERHOUT.**—An encyclopedia on wheels,—gets his axle grease at the hash house.

**SHAUGHNESSY.**—Eats all that is set before him, and more than half of what is not.

**TOLMAN.**—His jaws work automatically, and when swill goeth not in, his gas surely comes out.

**TORRELLY.**—A Brazilian gormandizer.

**FOSTER.**—“Ma says I must not eat hot biscuit.”

**KNAPP.**—Too fresh to roast.

**WATSON.**—Give him a sugar-tit.

**SHIMMY.**—Fits the new waiter.

**PARKER.**—“Veal—half-cooked, and no salt on it.”

**ATESHIAN.**—H<sub>2</sub> S + Garlic + Cabbage + Ottar of Roses = the Turk.


**GUERTINIANS.**



**WHEELER.**—A dapper Post-graduate youngster,  
 Was such an inveterate punster,  
 That when asked to take tea,  
 He said, "Why not take D?"  
 This inveterate Post-graduate youngster.

**LINDSEY.**—“Fills up his silo with ‘hey?’” “Tweedle-de-dee!”

**GOLDTHWAIT.**—(This red necktie means So. Hadley.) “Onions?”  
 “No, thank you!!”

**PHELPS.**—“By my faith, I think he would consume a bullock at a meal.”

**TEKIRIAN.**—“‘Independent’ as a pig on ice.”

**MARSH.**—A long and sober-faced devil, but oh, how he can eat!

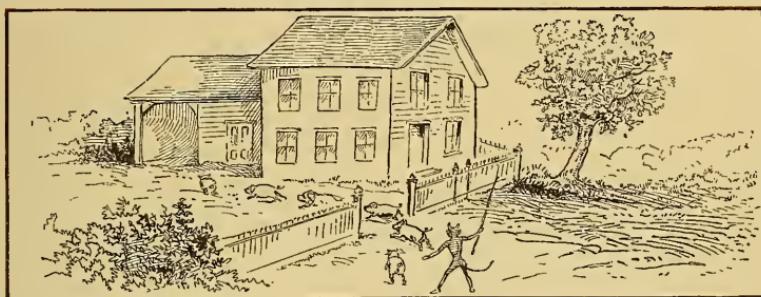
**FOWLER.**—A bird of prey; has to turn his head sidewise to see his plate.

**BROWN.**—A first premium Essex bore.

**HOWE.**—Grub becomes minus.

**RIDEOUT.**—Even a fool, when he holdeth his peace, is counted wise.

## KELLOGGIANS.



**HOWELL.**—"Hell has ope'd his ponderous and marble jaws to cast thee up again."

**BROWNE.**—His soul is small, his mouth is great,  
His appetite's insatiate.

**SANBORN.**—Trying to make up for lost time.

**ALLEN.**—He takes too much "cold stew" between meals.

**DUNCAN.**—Eats calves' head and pluck.

**LONG.**—Oh where's my little high chair?

**PAIN.**—"Please, Mrs. Kellogg, may I have some *menu?*"

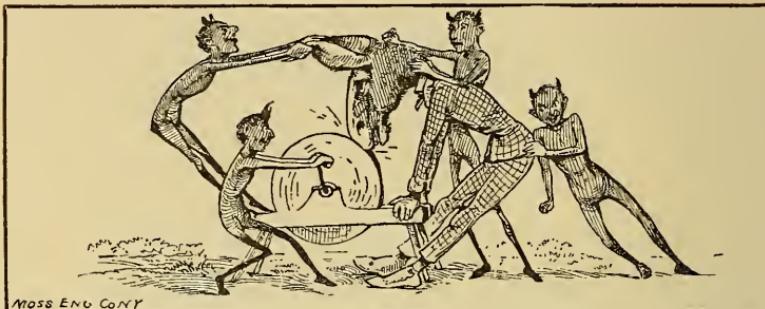
**CUTLER.**—His baby voice is often heard—  
In tones as sweet as a blue jay bird.

**DOLE.**—This Freshman Harpy defiles everything he cannot eat.

**RICHARDSON.**—A fool—a motley fool.

**AYER.**—Last and most "*skippery.*"

## GRINDINGS.



*Moss End Co. NY*

**GOLDTHWAIT.**—“He hugs up closer than an old woman on a suspension bridge.”

**PHELPS.**—Oh wearisome condition of humanity!

**BROWNE.**—’85’s Freshman.

**FID.**—He has mastered the science of bad smells.

**LEARY.**—“Esthetic bard, of truth the magnifier,”  
Once esteemed by those who knew him.  
He would look you in the eye,  
Now too many friends he’s bitten,  
And he’ll snake-like pass you by.

**SHONNY HOSSY.**—“I cannot tell what the dickens his name is.”

**TOLMAN.**—If thou anything wouldst know,  
In the earth, sky, water, air,  
Town or city, hill or plain,  
Field or forest,—anywhere,  
Go to him ; he’ll tell it thee.

**JOHNSON.**—“One Pinch; a hungry, lean-faced villain,—a mere anatomy.”

**NOYES.**—His mother says, “Call him Frankie.”

**PARDIE ALLEN.**—“A hard case.” (Prof. Stock.)

**PAINE.**—(Lieut.) “Mr. Paine, what composes the axle ?”  
(Mr. P.) “Linch-pin and washer, sir.”

**DOC. GOESSY.**—“You go down der street, you see a leetle yaller house mit der garten. Dot’s mine.”

MARSH.—There was a crooked man,  
And he went a crooked mile  
Upon a crooked wheel,  
In a very crooked style.  
He took a crooked header  
Upon a crooked stick,  
And his crooked exclamations  
Made the air demnition thick.

PREX (In Mental Science).—“I’m a man, (?) therefore I’m mortal.”

BARKER.—“My back isn’t very strong this morning.”

PROF. H. H. G.—“That’s just the way I feel. I don’t know where you’ve been, but I know where I’ve been.”

DOC. MANLY.—“This is a metre, but not a ‘meet’er by moonlight!”

PROF. STOCK.—“Mr. Ayres, what are the Lamellibranchiata?”

MR. AYRES.—“I don’t know, sir.”

PROF. S.—“Mr. Stone, what are the Lamellibranchiata? Now pay attention, Mr. Ayres, to what Mr. Stone says.”

MR. STONE.—“I don’t know, sir.” (Applause.)

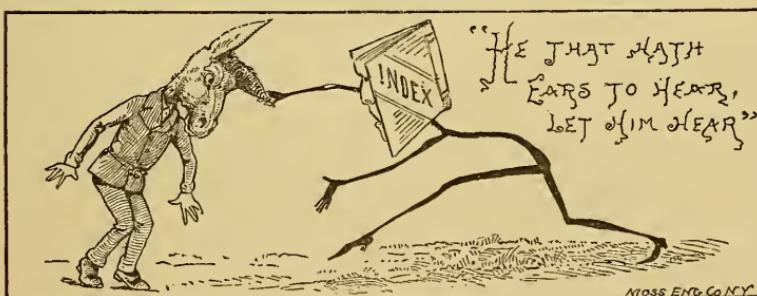
PROF. WARNER.—Zero divided by zero equals anything except infinity and seventeen.

DR. TUCKERMAN (In Physiology, showing human brain to class).—“Gentlemen, this is a fine specimen, probably the first human brain ever brought into this room.”

LIEUT. V. H. B.—“Mr. Atkins, in giving *commands* you should always *cut off* all *superfluous superfluity* of words. What was your last *enunciation?*”

LIEUT. V. H. B.—“I anticipate that there is sufficient material forthcoming to transform this heterogeneous squad into an organization analogous to that at West Point.”

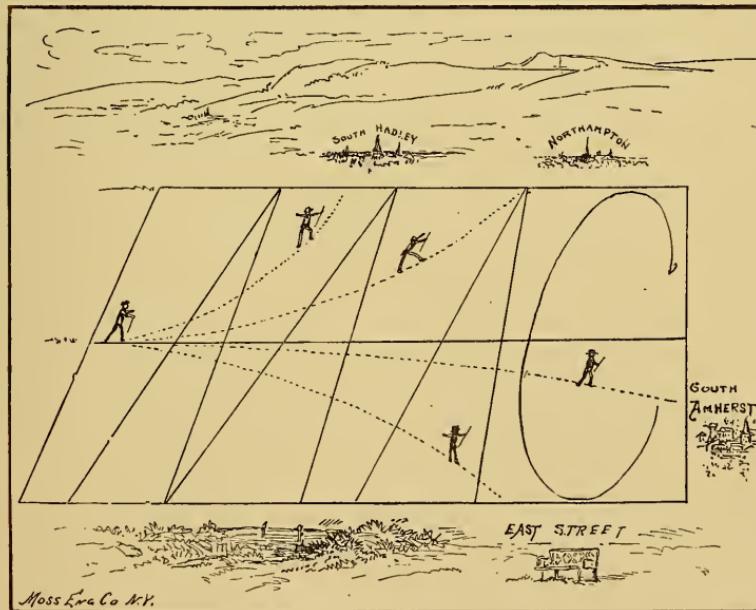
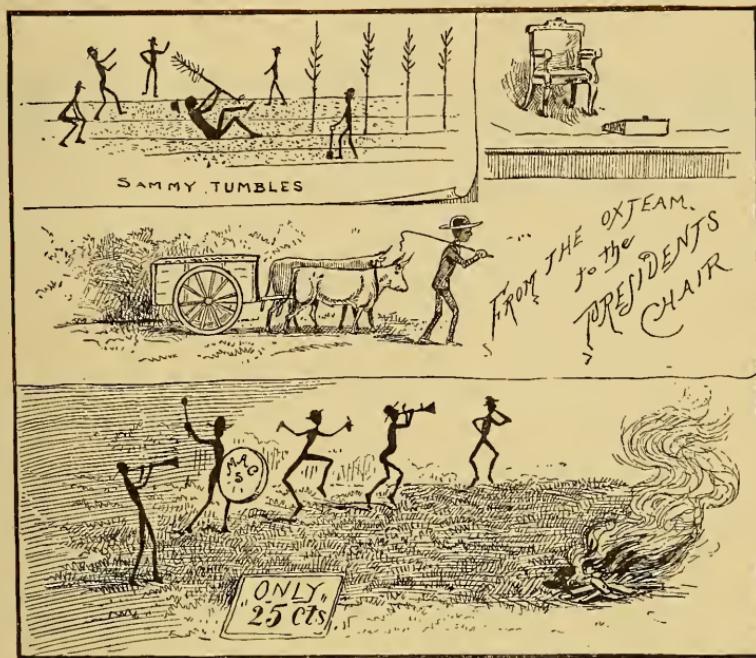
PROF. C. D. W.—“Why, gentlemen, *C.* represents the CRANK.”



❖ DEDICATED TO THE ALUMNI. ❖

BY THE EDITORS.

How dear to my heart are the haunts of old Aggie,  
As fond recollection presents them to view;  
The drill hall, the chapel, the temple, the campus,  
And every loved spot which my college days knew.  
And now far removed from the fair town of Amherst,  
I think with regret of the bright days of yore,  
And remember the school in the village below us,  
And e'en the knee breeches the Intellects wore;  
The skin-fitting breeches, the old-fashioned breeches,  
The primeval breeches the Intellects wore.





## HISTORY OF THE COLLEGE.

Nov. 28.—Thanksgiving recess begins.

Dec. 4.—Thanksgiving recess ends.

“ 18.—Term closed.

Jan. 10.—Term began.

Feb. 1.—Legislators came to see about the needs of the college.  
Examined the rooms and saw the drills. Speeches in  
the afternoon in the chapel.

“ 8.—A new pump inaugurated.

“ 11.—'85 INDEXES at last arrive.

“ 16.—Prof. Baker's cart found on the flag-pole. New guns  
issued.

“ 22.—Sabre detachment goes to Springfield and gives exhibition  
drill in skating rink.

“ 26.—G. E. Stone, '86, kicked off drill and gun taken away by  
Lieut. V. H. B.

“ 28.—'85 cuts bayonet drill and finally crawl.

Mar. 3.—Mass meeting in chapel to discuss the action of the Lieut.  
in regard to Stone, '86, and the position of '85. Committee appointed and a petition drawn up and presented to Prex. After consulting with Lieut. and the *Freshman* class, he decides on the merits of the petition.

“ 5.—Freshmen fined twenty-five cents apiece for the bonfire.  
Sabre detachment goes to Northampton and drills in  
the skating rink.

“ 6.—Cutter, '85, kicked out of college. No reason given.

“ 8.—Freshman fine reduced from twenty-five cents to fifteen  
cents, two for a quarter.

“ 20.—Lecture before the Natural History Society, by Charles  
W. Eddy, illustrated with the stereopticon.

“ 29.—Winter term closes.

Apr. 9.—Spring term begins. Mass meeting in chapel. A large  
sum pledged for support of base ball team. Campus  
and ball field fixed up. Roads repaired.

“ 19.—Base ball game between '87 and High school. Score, 16  
to 29.

May 3.—Aggie vs. Wilbraham. Score, 10 to 31.  
" 9.—'85 Class Tree set out, Prex turning the first sod. The tree died.  
" 10.—Cannon drawn in front of colleges at night, fired and left. Battalion ordered out for extra drill next morning as punishment. Rain, however, prevents.  
" 19.—Class of '86 begins the work of laying out flower-beds, mowing the grass and fixing the lawn around '82's fountain.  
" 23.—This morning, settees gone from chapel. Pulpit brought back and one settee "for the faculty." Students *sat on the floor*. Trustees meet here and a petition from the college requesting that the dismissal of Dr. Miles be well considered, was read before them. Dr. Miles was engaged for another year. In the evening the event was celebrated by serenading Dr. Miles.  
" 24.—Desk and singing books gone. Students stand up in their places. Pictures of the battalion taken for '84. Sabre detachment also photographed.  
" 25.—(Sunday.) Carried in easy chairs, etc., and listened to a sermon by Prex.  
" 26.—Settees and desk brought back by Mr. Baker.  
" 30.—Holiday, Decoration Day.

June 2.—Scrub game between two divisions of '87.  
" 3.—Three calves which appeared at the college were placed in the chapel for safe keeping. They were removed next morning all right, but died off afterward one by one.  
" 4.—Prex and Carpenter had their hair cut.  
" 10.—L. R. Taft returns to Prof. Maynard's with his bride. In the evening a company of students go up and give them a drum and horn concert, which being duly appreciated, Levi was presented with the bass drum with compliments. Then followed a short dialogue: Mrs. T.—"Levi, have you got the drum?" Levi—"Yes, dear." Mrs. T.—"That's good, come in now, love." Then followed a song by the company, entitled "What shall the harvest be?" A bonfire on the other side at 1 A. M., concluded the services.  
" 12.—The prophecy of the late lamented J. W. C. has come to pass. "Young gentlemen, the day of reckoning has come." Prex cross-examines each man in college with regard to "calf-racket," bonfire, etc. Nourse and Robinson are threatened with expulsion, '87 gets mad and "won't play."

June 13.—Freshmen attend only part of their recitations.

“ 14.—P. C. P. Brooks is expelled and sent home at once. R. I. P.

“ 15.—’87 cuts chapel.

“ 16.—’87 declines to accept ’86’s challenge for base ball.

“ 22.—Baccalaureate sermon in the chapel. Address before the Young Men’s Christian Association, by Rev. H. W. Lathe of Northampton, in the evening.

“ 23.—Farnsworth prize declamations in the Drill Hall, at 8 p. m. Declamations by Ayres, Eaton, Kinney and Stone, ’86; and Ateshian, Barrett, Nourse, Shaughnessy and White, ’87.

“ 24.—Public examination of the graduating class, in Agriculture, for the Grinnell prizes at 8.30 a. m.—Examination of candidates for admission to college in the Botanic Museum, beginning at 9 a. m.—Review of cadets by Gov. Robinson at 10 a. m.—Addresses by his Excellency, Geo. D. Robinson, and others, in the Drill Hall at 11 a. m.—Alumni dinner at 2 p. m.—President’s reception, 8 to 10 p. m.

“ 25.—Alumni meeting in the Laboratory Lecture Room at 8.30 a. m.—Graduating exercises in the Drill Hall at 10 a. m., address by C. C. Coffin, Esq. Thesis, with Valedictory Address, written by Elisha A. Jones, delivered by Prex. “Mr. Jones, your Valedictory shall be read, it shall be *well* read, and *I* shall read it.”

Sept. 10.—Fall Term begins. ’88 enters with twenty-six men, five of whom enter the Sophomore class.

“ 12.—Cane rush between ’87 and ’88. ’87 captures the cane belonging to Phelps ’85.

“ 15.—Rope pull, ’87 vs. ’88. ’87 being afraid to pull induce the referee (an ’83 man) to give them the rope without a pull.—Ground broken for new chapel.

Oct. 11.—Foot-ball game, Aggie vs. Wilbraham. Score: Aggie, 8; Wilbraham, 0.

“ 18.—Aggie vs. Williston, foot-ball. Game won by Williston.

“ 29.—Aggie vs. Amherst, foot-ball. Game won by Amherst; score, 13 to 0.

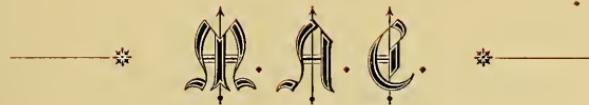
Nov. 5.—Foot-ball, ’87 vs. ’88; won by ’87.

“ 10.—Foot-ball, ’88 vs. High School. Score: ’88, 32; High School, 0.

“ 26.—Thanksgiving recess begins.

Dec. 1.—Thanksgiving recess closes.

“ 18.—Fall term ends.



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**CALENDAR.**  
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**1885-6.**

|                    |   |   |   |   |   |            |               |               |
|--------------------|---|---|---|---|---|------------|---------------|---------------|
| Winter Term ends   | . | . | . | . | . | .          | .             | Mar. 31, '85. |
| Spring Term begins | . | . | . | . | . | .          | .             | April 8, '85. |
| "    "    closes   | . | . | . | . | . | .          | .             | June 23, '85. |
| Fall Term begins   | . | . | . | . | . | Wednesday, | Sept. 9, '85. |               |

Thanksgiving Recess of 5 days, Nov. 25 to Nov. 31.

|                            |   |   |   |            |          |            |          |               |
|----------------------------|---|---|---|------------|----------|------------|----------|---------------|
| Fall Term closes           | . | . | . | .          | .        | .          | .        | Dec. 17, '85. |
| Winter Term begins         | . | . | . | .          | .        | .          | .        | Jan. 6, '86.  |
| "    "    closes           | . | . | . | .          | .        | .          | .        | Mar. 31, '86. |
| Entrance Examinations,     | . | . | . | Wednesday, | June 24, | at 9 A. M. |          |               |
| "    "                     | . | . | . | Tuesday,   | Sept. 8, | at 9 A. M. |          |               |
| Farnsworth Prize Speaking, | . | . | . | .          | .        | Monday,    | June 22. |               |
| Graduation Exercises,      | . | . | . | .          | .        | Tuesday,   | June 23. |               |

## ALMA MATER.

*“O monstrous! but one half-pennyworth of bread to this intolerable deal of sack!”*—KING HENRY IV.

ONE thought has comforted us in assuming to be the mouth-piece of the Alumni. What we shall say will be carefully read by the compositor, proof-reader, and the editors of the INDEX, but beyond this point our thoughts will be undisturbed—by rude and disagreeable criticism. None ever read the Alumni contribution save those who are obliged to. It is overshadowed, buried, lost beneath the excruciatingly funny and highly interesting matter with which the volume is otherwise replete.

Contributors of previous years have left a well-worn path behind them, along which we must proceed with great caution to avoid a species of plagiarism. But none of them ever offered their contribution at a time when their congratulations to the college students and Alumni were more sincere or better grounded than at present. To-day there are signs giving hope and confidence to those familiar with the College history. Many of us remember its dark days all too well, and to such the present outlook is thrice welcome.

The evidences of prosperity are many, but none is more promising than the increased interest in the College expressed by the agricultural community. This means a better appreciation of the institution, and then, inevitably, a better support. It is encouraging to feel that men are willing to know something of us—that we are able to attract their attention. Once it was difficult to find a farmer outside of those who had labored directly for the College who had anything like a correct idea of it, and, what was worse, they evinced no desire to learn. The College was never vigorously antagonized, but it has suffered through the apathy and indifference of the very class whose direct interests are involved in its success or failure. Even farmers whose homes are in sight of the College have exposed a woful ignorance of its affairs. Now a change is working. We have

gained many friends and more acquaintances, and it goes without saying, that every intelligent person who has become even in a slight degree familiar with the College, finds much good in its aims and efforts. This state of affairs is the most natural thing to be expected. There is a growing appreciation of all advanced ideas in agriculture, of which the College aims to be the exponent. The labors of devoted men in the past are beginning to bear fruit, and over two thousand copies of every bulletin from the Experiment Station sent to actual applicants are oft recurring reminders of what the College exemplifies. The increasing numbers and influence of the Alumni are working for the College to a degree hard to estimate. Each individual has an influence on the popular view of the College, and a greater one than he realizes. In distant villages the whole community has an interest in the young man who has graduated from the farmers' college and come back to toil among them, and their views of the institution will be modified by their unconscious estimate of his character in after life. It behooves every alumnus, therefore, to first realize his responsibility in the matter, and then live up to it. And so from all the sage advice which we are supposed to offer you as students, we only urge you to be loyal to the College that has fostered and educated you, after you have borne away her last gift.

As Alumni we watch with gladness the tangible evidence of growth at our college home,—the new buildings, free scholarships, new instructors from the ranks of graduates, and the realization of Alumni efforts in the new library. At last comes the assurance of Alumni representation upon the board of trustees, a progressive step, but one for which it would seem the time had arrived. The confidence thus displayed in our body will not be misplaced. None can act with greater interest or sympathy in the affairs of the College than its graduates.

The radical changes in the curriculum during the past year do not meet with our approval. They practically make the study of Agriculture in the abstract optional, allowing the student to substitute History and Languages. One who wishes to make agricultural science a life work, finds himself obliged to choose a course which shall omit Agriculture, or omit French, German, Mineralogy, and Microscopy, any or all of which are essential to his progress. No student can escape military exercise, but all can reject Agriculture. In short, the very feature which should lend individuality and character to the College is bereft of its importance, and even relegated to a secondary position. At this time, however, we only criticise in a general way, and endeavor to point out what seems to us an unwise change.

The College of Agriculture is pre-eminently a college of the natural sciences, and even if we modify its plan to the scope of a liberal scientific education, the sciences related to Agriculture must still constitute the leading lines of study. We sincerely hope, therefore, that the day is near at hand when Chemistry, Botany, Geology, Zoology, and Physiology may be represented by departments of first and equal importance in the course of instruction. English should be taught first, last, and continually, as an incessant drill, so that at least the graduating theses may be written correctly and expressed clearly; and, finally, as an aid to advanced scientific or literary study, let the modern languages receive thorough consideration.

These suggestions seem to us to be in harmony with the acknowledged educational tendencies of the times, and with the plan and scope of the College.

In conclusion, we offer to College, faculty, and students, in behalf of former pupils and associates now scattered through our own and foreign lands, hearty and sincere greetings, with wishes for your highest prosperity.

ALUMNUS.



ALUMNI ASSOCIATION

OF THE  
MASSACHUSETTS AGRICULTURAL COLLEGE.

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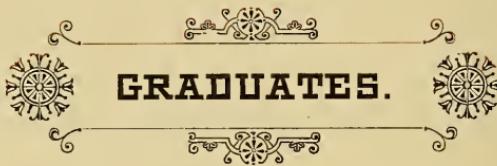
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**GRADUATES.**

Allen, Francis S., '82, House Surgeon Am. Vet. College, 141 W. 54th St., New York City.

Allen, Gideon H., '71, Winsfield, Cowley Co., Kan., Agent Wells, Fargo & Company's Express.

Aplin, George T., '82, East Putney, Vt., Farmer.

Bagley, David A., '76.

Bagley, Sidney C., '83.

Baker, David E., '78, Newton Lower Falls, Physician and Surgeon.

Barrett, Joseph F., '75, 27 and 29 Beaver St., N. Y. City, Traveling Salesman Bowker Fertilizer Co.

Barri, John A., '75, Water St. and Fairfield Ave., Bridgeport, Conn., Chittenden, Barri & Sanderson.

Bassett, Andrew L., '71, N. Y. City, Clerk Vermont C. R. R. & Steamship Co.

Beach, Charles E., '82, care Beach & Co., Hartford, Conn., Farmer.

Bell, Burleigh C., '72, corner 16th and Howard Sts., San Francisco, Cal., Druggist and Chemist.

Bellamy, John, '76, 659 Washington St., Boston, Nichols, Bellamy & Co., Hardware & Cutlery.

Benedict, John M., '74, Commercial Block, Bank St., Waterbury, Conn., Physician.

Benson, David H., '77, North Weymouth, Analytical and Consulting Chemist and Superintendent of Chemical Works Bradley Fertilizer Co.

Bingham, Eugene P., '82, 13 Foster Wharf, Boston, Maker of Embalming and Disinfecting Fluids.

Birnie, William P., '71, Springfield, Salesman Birnie Paper Co.

Bishop, Edgar A., '83, Arnold Mills, R. I., Farmer.

Bishop, William H., '82, Tougaloo, Miss., Superintendent of Agricultural Department Tougaloo Univ.

Blanchard, William H., '74, Westminster, Vt., Farmer.

Boutwell, William L., '78, Leverett, Farmer.

Bowker, William H., '71, 43 Chatham St., Boston, President Bowker Fertilizer Co.

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Boynton, Charles E., '81, Groveland, Lecturer.

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Braune, Domingos H., '83, Nova Friburgo, Province of Rio de Janeiro, Brazil, Planter.

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Brigham, Arthur A., '78, Marlborough, Farmer.

Brodt, Harry S., '82, Surveying, Central Association of Wyoming, Rawlins, Wyo. Territory.

Brooks, William P., '75, Sapporo, Japan, Professor of Agriculture, Japan Agricultural College.

Bunker, Madison, '75, Newton, Veterinary Surgeon.

Callender, Thomas R., '75, Everett, Florist.

Campbell, Frederick G., '75, West Westminster, Vt., Farmer.

Carr, Walter F., '81, Assistant Professor of Civil Engineering and Physics, Univ. of Minnesota, Minneapolis, Minn.

Caswell, Lilley B., '71, Athol, Civil Engineer and Farmer.

Chandler, Edward P., '74, Fort Maginnis, Montana, Wool Grower.

Chandler, Everett S., '82, 20 Orchard St., North Cambridge, Student Harvard Law School.

Chapin, Henry E., '81, Raleigh, N. C., Assistant Editor "North Carolina Farmer."

Chickering, Darius O., '76, Enfield, Farmer.

Choate, Edward C., '78, Southborough, Farmer.

Clark, Atherton, '77, 131 Tremont St., Boston, Clerk.

Clark, John W., '72, Superintendent of Deep River Orchard, Deep River, Conn.

Clark, Xenos Y., '78, P. O. Box 2244 San Francisco, Cal., Scientist.

\*Clay, Jabez W., '75.

Coburn, Charles F., '78, Lowell, Teller Five Cents Savings Bank, and Editor "Daily Citizen."

Cooper, James W., Jr., '82, East Bridgewater, Drug Clerk.

Cowles, Frank C., '72, City Engineers' Office, Worcester, Civil Engineer.

Cowles, Homer L., '71, Amherst, Farmer.

†Curtis, Wolfred F., '74.

Cutter, John A., '82, 213 West 34th St., N. Y. City, Student at Albany Medical College.

Cutter, John C., '72, Sapporo, Japan, Consulting Physician Sapporo Ken Hospital and Professor of Physiology and Comparative Anatomy, Imperial College of Agriculture.

Damon, Samuel C., '82, Lancaster, Farmer.

Deuel, Charles F., '76, Amherst, Druggist.

Dickinson, Richard S., '79, Columbus, Neb., Farmer.

Dodge, George R., '75, Brighton, Superintendent of Factory Bowker Fertilizer Co.

Dyer, Edward N., '72, Kohala, S. I., Pastor Native Church.

Easterbrook, Isaac C., '73, 128 Chambers St., N. Y. City, New York Manager of Montpelier Carriage Co.

\*Died October 1, 1880, of pneumonia, at N. Y. City.

†Died November 8, 1878, of inflammation of the brain, at Westminster.

Ellsworth, Emory A., '71, 164 High St., Holyoke, Architect and Mechanical and Civil Engineer.

Fairfield, Frank H., '81, 30 Kilby St., Standard Fertilizer Co., Chemist.

Fisher, Jabez F., '71, Fitchburg, Freight Cashier Fitchburg R. R. Co.

Fiske, Edward R., '72, 625 Chestnut St., Philadelphia, Pa., Folwell Bro. & Co., Merchant.

Flagg, Charles O., '72, Diamond Hill, R. I., Farmer.

Flint, Charles L., Jr., '81, 29 Newbury St., Boston, Student Sawyer's Commercial College, Boston, Mass.

\*Floyd, Charles W., '82.

Foot, Sanford D., '78, Paterson, N. J., Kearney & Foot, File Manufacturers.

Fowler, Alvan L., '80, Tombstone, Arizona, Superintendent Woronoco Mining Co.

Fuller, George E., '71.

Gladwin, Frederic E., '80, Tombstone, Arizona, Assayer Woronoco Mining Co.

Goodale, David, '82, Marlborough, Farmer.

Green, Samuel B., '79, Mountainville, N. Y., Superintendent Horticultural Department Houghton Farm.

Grover, Richard B., Ludlow, Vt., Clergyman.

Guild, Geo. W. M., '76, 17 and 19 Cornhill, Boston, wire business.

Hague, Henry, '75, South Worcester, Rector St. Matthews.

Hall, Josiah N., '78, Sterling, Weld Co., Col., Physician.

Harwood, Peter M., '75, Barre, Farmer.

Hashiguchi, Boonzo, '81, Department of Commerce and Agriculture, Tokio, Japan, President Government Sugar Beet Co.

†Hawley, Frank W., '71.

Hawley, Joseph M., '76, Berlin, Wis., C. A. Mather & Co., Banker.

Herms, Charles, '84, 1223 Third Ave., Louisville, Kentucky, Stock Breeder.

†Herrick, Frederic St. C., '71.

Hevia, Alfred A., '83, care of New York Insurance Co., Apartado 77, Gautemala, Central America.

Hibbard, Joseph R., '77, Stoughton, Wis., Farmer.

Hillman, Charles D., '82, Fresno City, Cal., Nurseryman.

Hills, Joseph L., '81, New Brunswick, N. J., Assistant Chemist N. J. Agricultural Experimental Station.

Hitchcock, Daniel G., '74, Warren, Agent American Express Co.

Hobbs, John A., '74, Bloomington, Neb., Farmer.

Holland, Harry D., '84, Southborough, Assistant Superintendent Deerfoot Farm.

Holman, Samuel M., Jr., '83, Attleborough, Farmer.

Holmes, Lemuel Le B., '72, Mattapoisett, Lawyer.

Howard, Joseph H., '82, Springfield Meter Inspector, Springfield Gaslight Co.

Howe, Charles S., '78, Akron, Ohio, Buchtel College, Professor of Mathematics.

\*Died October 10, 1883, of consumption, at Boston.

†Died October 28, 1883, of congestive apoplexy, at Belchertown.

‡Died January 19, 1884, at Methuen.

Howe, Elmer D., '81, Marlborough, Farmer.  
Howe, Geo. D., '82, North Hadley, C. D. Dickinson & Son, Clerk.  
Howe, Waldo V., '77, Newburyport.  
Hubbard, Henry F., '78, 94 Front St., N. Y. City, with John H. Catherwood & Co.  
Hunt, John F., '78, Sunderland, Market Gardener.  
Jones, Elisha A., '84, 3627 Warren St., Philadelphia, Pa.  
Kendall, Hiram, '76, Providence, R. I., Superintendent and Chemist Kendall Manufacturing Co.  
Kimball, Francis E., '72, 15 Union St., Worcester, Book-keeper E. W. Vail.  
Kingman, Morris B., '82, Post Graduate M. A. C.  
Kinney, Burton A., '82, Portland, Maine, Signal Corps U. S. Army.  
Knapp, Walter H., '75, Wellesley Hills, Florist.  
Koch, Henry G. H., '78, Sixth Avenue and Twentieth St., N. Y. City, H. C. F. Koch & Son.  
Ladd, Thomas H., '76, care Wm. Dadmun, Watertown.  
Lee, Lauren K., '75, Valley Springs, Dakota, Dealer in Flax Seed.  
Lee, William G., '80, Holyoke.  
Leland, Walter S., '73, Concord, Officer State Prison.  
Leonard, George, '71, Springfield, Lawyer.  
Libby, Edgar H., '74, Rochester, N. Y., Agricultural Journalist.  
Lindsey, Joseph B., '83, Amherst, Assistant Chemist Experiment Station.  
Livermore, Russell W., '72, Pates, Robeson Co., North Carolina, Lawyer.  
Lovell, Charles O., '78, Amherst, Photographer.  
Lyman, Asahel H., '73, Manistee, Mich., Druggist and Apothecary.  
Lyman, Chas. E., '78, Middlefield, Conn., Farmer.  
\*Lyman, Henry, '74.  
Lyman, Robert W., '71, Belchertown, Lawyer.  
Mackie, George, '72, Attleborough, Physician.  
Macleod, William E., '76, 60 Devonshire St., Boston, Patent Lawyer.  
Mann, George H., '76, Sharon, Superintendent of Cotton Duck Mills.  
Martin, William E., '76, Excelsior, Minn., Postmaster.  
May, Frederic G., '82, Conway, Orange County, Florida, Orange Grower.  
Maynard, Samuel T., '72, Amherst, Massachusetts Agricultural College, Professor of Botany and Horticulture.  
McConnel, Charles W., '76, 59 North Pearl St., Albany, N. Y., Dentist.  
McQueen, Charles M., '80, Dearborn and Monroe Sts., Chicago, Ill., Standard Book Co., Treasurer.  
Miles, George M., '75, Miles City, Montana, Miles & Strevell, Jobbers of Hardware.  
Mills, George W., '73, Medford, Physician.  
Minor, John B., '73, New Britain, Conn., Russell & Erwin Manufacturing Co., Clerk.  
Minott, Charles W., '83, Three Rivers, Mass., Ruggles & Minott, Small Fruit Growers.

\*Died January 8, 1879, of pneumonia, at Middlefield, Conn.

Montague, Arthur H., '74, South Hadley, Farmer.  
Morey, Herbert E., '72, 49 Haverhill St., Boston, Morey, Smith & Co., Merchant.  
\*Morse, James H., '71.  
Morse, William, '82, 19 Milk St., Boston, with Dennison Manufacturing Co.  
Myrick, Herbert, '82, Springfield, Assistant Editor "New England Homestead."  
Myrick, Lockwood, '78, Concord, Chemist.  
Nichols, Lewis A., '71, Danvers, Civil Engineer.  
Norcross, Arthur D., '71, Monson, Postmaster.  
Nourse, David O., Berlin, Conn., Superintendent of Berlin Orchard, Conn. Valley Orchard Co.  
Nye, George E., '77, 70 Exchange Building, Chicago, Ill., G. P. Swift & Co., Book-keeper.  
Osgood, Frederic H., '78, Springfield, Veterinary Surgeon.  
Otis, Harry P., '75, Leeds, Superintendent Northampton Emery Wheel Co.  
Page, Joel B., '71, Conway, Farmer.  
Paige, James B., '82, F. B. Paige & Son, Mellen Valley Fruit Farm.  
Parker, George A., '76, Tunis Mills, Talbot County, Md., Superintendent Farwein Farm.  
Parker, George L., '76, Dorchester, Florist.  
Parker, Henry L., '77, 5 Beekman St., N. Y. City, Mechanical Engineer.  
Parker, William C., Wakefield, Dealer in Agricultural Implements.  
Penhallow, David F., '73, Montreal, Canada, McGill Univ., Professor of Botany and Vegetable Physiology.  
Perkins, Dana E., '82, care C. M. Winchell, U. S. Survey Boat "Tennessee," Miss. River Commission.  
Peters, Austin, '81, Royal Veterinary College, West London, England.  
Phelps, Austin, '81, South Framingham, Florist.  
Phelps, Henry L., '74, Northampton.  
Plumb, Charles S., '82, Geneva, N. Y., Assistant Director N. Y. Experiment Station.  
Porter, William H., '76, Watertown, Foreman S. R. Payson's Farm.  
Porto, Raymundo M. da S., '77, Para, Brazil, Planter.  
Potter, William S., '76, Lafayette, Ind., Rice & Potter, Lawyer.  
Preston, Charles H., '83, Chemist, with Milk Inspector, 1151 Washington St., Boston.  
Rawson, Edward B., '81, Lincoln, Loudoun County, Va., Farmer.  
Renshaw, James B., '73, Spokane Falls, Washington Territory, Clergyman.  
Rice, Frank H., '75, Hawthorne, Nev., County Recorder and Auditor of Esmeralda County.  
Richmond, Samuel H., '71, Ocala, Marion County, Fla., Magistrate and Deputy Clerk of Circuit Court.  
Ripley, George A., '80, Amherst, Clerk Amherst House.  
Root, Joseph E., '76, 72 Pearl St., Hartford, Conn., Physician and Surgeon.

\*Died June 21, 1883, of Bright's disease, at Salem.

Rudolph, Charles, '79, Mitchell, Dakota, Lawyer.  
Russell, William D., '71, Turner's Falls, Montague Paper Co.  
Salisbury, Frank B., '72, Kimberley Diamond Fields, South Africa,  
Trader.  
Sears, John M., '76, Ashfield, Farmer.  
Shaw, Elliot D., '72, Holyoke, Florist.  
Sherman, Walter A., '79, 182 Central St., Lowell, Veterinary Sur-  
geon.  
Shiverick, Asa F., '82, corner Meeting and Hudson Sts., Charleston,  
S. C., Chemist Pacific Guano Co.  
Simpson, Henry B., '73, Centreville, Md., Farmer.  
Smead, Edwin, '71, 3 Cable St., Baltimore, Md., Clerk Bushey, Carr  
& Co.  
Smith, Frank S., '74, Hampden, Woolen Manufacturer.  
Smith, George P., '79, Sunderland, Farmer.  
Smith, Hiram F. M., '81, 42 Austin St., Cambridgeport, Student  
Harvard Medical School.  
Smith, Llewellyn, '84, Post Graduate M. A. C., Amherst.  
Smith, Thomas E., '76, West Chesterfield, Manufacturer.  
Snow, George H., '72, Leominster, Farmer.  
Somers, Frederick M., '72, 49 Broadway, N. Y. City, Watson & Gib-  
son, Broker.  
\*Southmayd, John E., '77.  
Southwick, Andre A., '75, care Beach & Co., Hartford, Conn.,  
Superintendent "Vine Hill and Ridge Farms."  
Spaulding, Abel W., '81, 907 Main St., St. Louis, Mo., Ripley & Kim-  
ball, Clerk.  
Sparrow, Lewis A., '71, 19 South Market St., Boston, Judson &  
Sparrow, Dealers in Fertilizer.  
Spofford, Amos L., '78, Georgetown, Shoe-cutter.  
Stockbridge, Horace E., '78, Assistant Professor of Chemistry, Massa-  
chusetts Agricultural College.  
Stone, Almon H., '80, Phillipston, Farmer.  
Stone, Winthrop E., '82, Amherst, Assistant Experiment Station.  
Strickland, George P., '71, Stillwater, Minn., Seymour, Sabin & Co.,  
Machinist.  
Swan, Roscoe W., 32 Pleasant St., Worcester, Physician.  
Taft, Cyrus, '76, Whitinsville, Machinist.  
Taft, Levi R., '82, Amherst, Bursar and Assistant Professor of Hor-  
ticulture.  
Taylor, Alfred H., '82, Burnett, Neb., Live Stock Dealer.  
Taylor, Frederick P., '81, Athens, East Tennessee, Farmer.  
Thompson, Edgar E., '71, East Weymouth, Teacher.  
Thompson, Samuel C., '72, N. Y. City, Department Public Works,  
Annexed District Assistant Engineer.  
Thurston, Wilbur H., '82, Mountaintown, Orange County, N. Y.,  
Experimental Department "Houghton Farm."  
Tucker, George H., '71, Fargo, Dak., Civil Engineer.  
Tuckerman, Frederick, '78, Amherst, Physician and Lecturer Agri-  
cultural College.  
Urner, George P., '76, Sweet Grass, Montana, Sheep-raiser.

\*Died December 11, 1878, of consumption, at Minneapolis, Minn.

Wakefield, Albert T., '73, Peoria, Ill., Physician.

Waldron, Hiram E. B., '79, North Rochester, Farmer.

Ware, Willard C., '71, Middle St., Portland, Me.; Manager Portland & Boston Clothing Co.

Warner, Clarence D., '81, Amherst, Professor of Mathematics M. A. C.

Warner, Seth S., '73, 43 Chatham St., Boston, Traveling Salesman Bowker Fertilizer Co.

Washburn, John H., '78, Mansfield, Conn., Professor of General and Agricultural Chemistry, Storrs Agricultural School.

Webb, James H., '73, 69 Church St., New Haven, Conn., Alling and Webb, Attorney-at-Law.

Wellington, Charles, '73, Germany, Student.

Wells, Henry, '72, 105 North Third St., St. Louis, Mo., Contracting Agent West-bound freight, "Blue Line" Fast-freight Office.

Wetmore, Howard G., '76, 41 West 9th St., New York City, Physician.

Wheeler, Homer J., '83, Amherst, Assistant Chemist Experiment Station.

Wheeler, William, '71, Boston Highlands, Dealer in Shoes.

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Whittaker, Arthur, '81, Needham, Farmer.

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Wilder, John E., '82, 179 Lake St., Chicago, Ill., with Wilder & Hale, Dealers in Leather.

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Williams, John E., '76, Editor "Amherst Record."

Winchester, John F., '75, Lawrence, Veterinary Surgeon and Lecturer, M. A. C.

Windsor, Joseph L., '82, St. Paul, Minn., Secretary Local Treasurer's Office Northern Pacific R. R. Co.

Wood, Frank W., '73.

Woodbury, Rufus P., '78, Kansas City, Mo., News and Telegraph Editor of "Kansas City Daily Times."

Woodman, Edward E., '74, Danvers, Florist.

Wyman, Joseph, '77, Cambridgeport, Book-keeper at 52-60 Blackstone St., Boston.

Zeller, Harrie McK., '74, Hagerstown, Md., Baltimore & Ohio Telegraph Co., Manager of Commercial Office.



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Not to the oak, whose aged limbs  
The shock of wintry blasts withstand,  
Nor to the fragrant sandal tree,  
Whose odor fills the Eastern land,  
  
Nor to the lily, beauteous, fair,  
Free from all tinge of earthly stain,  
Nor to the blessed herbs, whose powers  
Are potent to relieve from pain,  
  
But to a very common tree,

Although in blossom wondrous fair  
Since promising of future fruit,—  
Would I our class compare.

The apple tree, a common thing,  
But, useful as it has been made  
To please and profit all mankind,  
It puts all others in the shade.

The seedling's size at first was small,  
But strong of root and full of life;  
At one year old the bud was set,  
Yet parent stock ne'er knew the knife.

So, onward from that time they grew,  
Seedling and bud toward the skies,  
Still reaching up into the light  
E'en though held down by earthly ties.

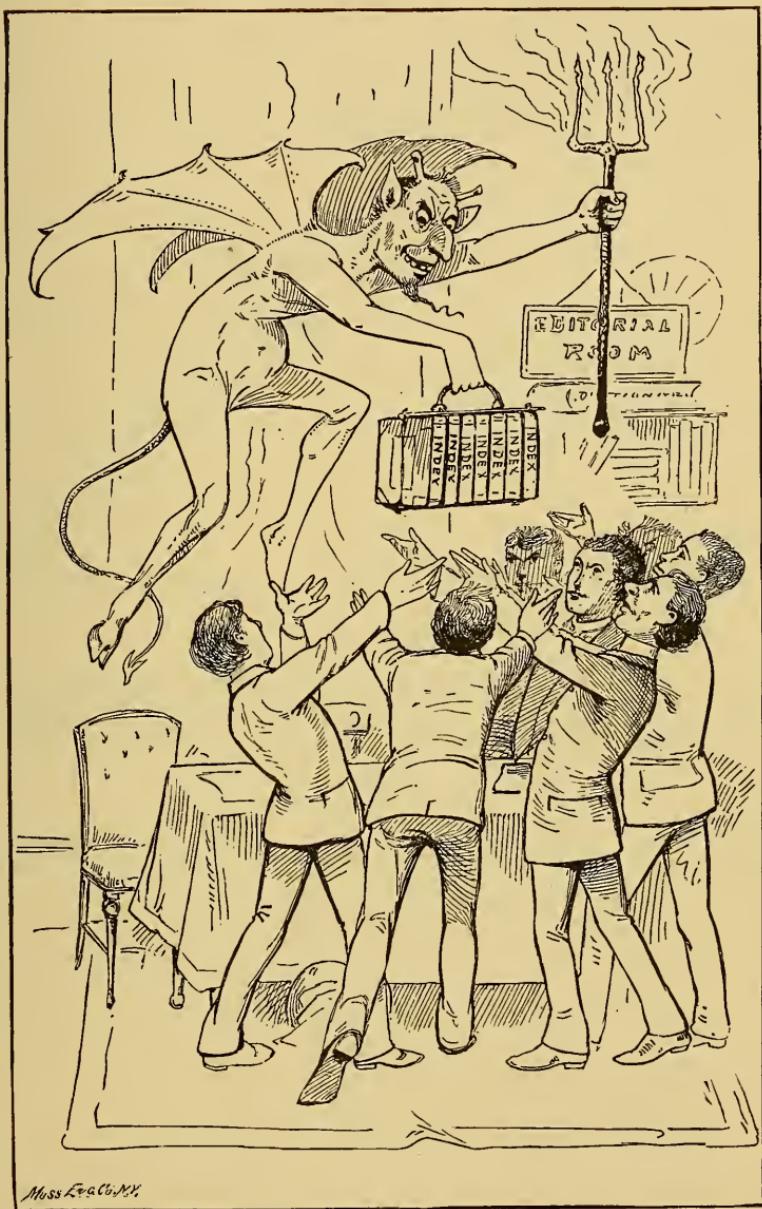
Its roots are long. They stretch away  
Across a broad expanse of ground,  
From Williamstown to Boston Bay  
And clear to Hudson's banks they're found.

But what shall be their ripened fruit,  
When, from the tender, fostering care  
Of Alma Mater's nursery row,  
They seek a wider field elsewhere ?

We cannot tell. In after years  
Some branch may slowly wither down.  
The axe of Time will thin her limbs  
And mar the beauty of her crown.

Still, let us hope that kindly Fate  
Will all her vigorous shoots preserve,  
And in our onward pilgrimage  
Make beauty unto use subserve.





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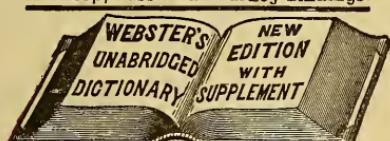
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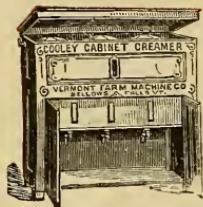
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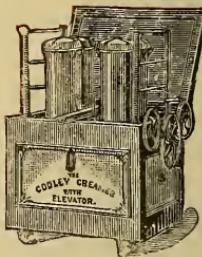
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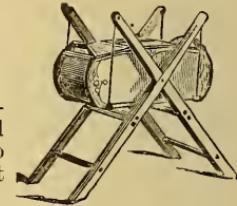


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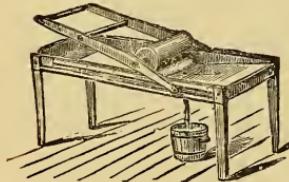
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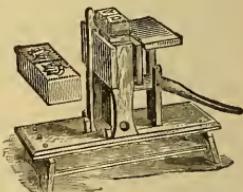


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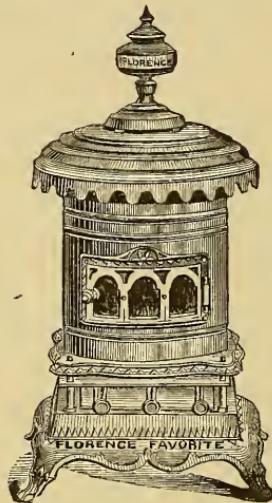
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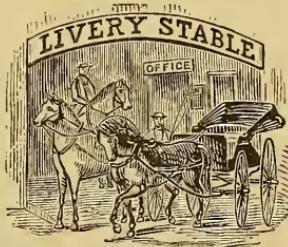
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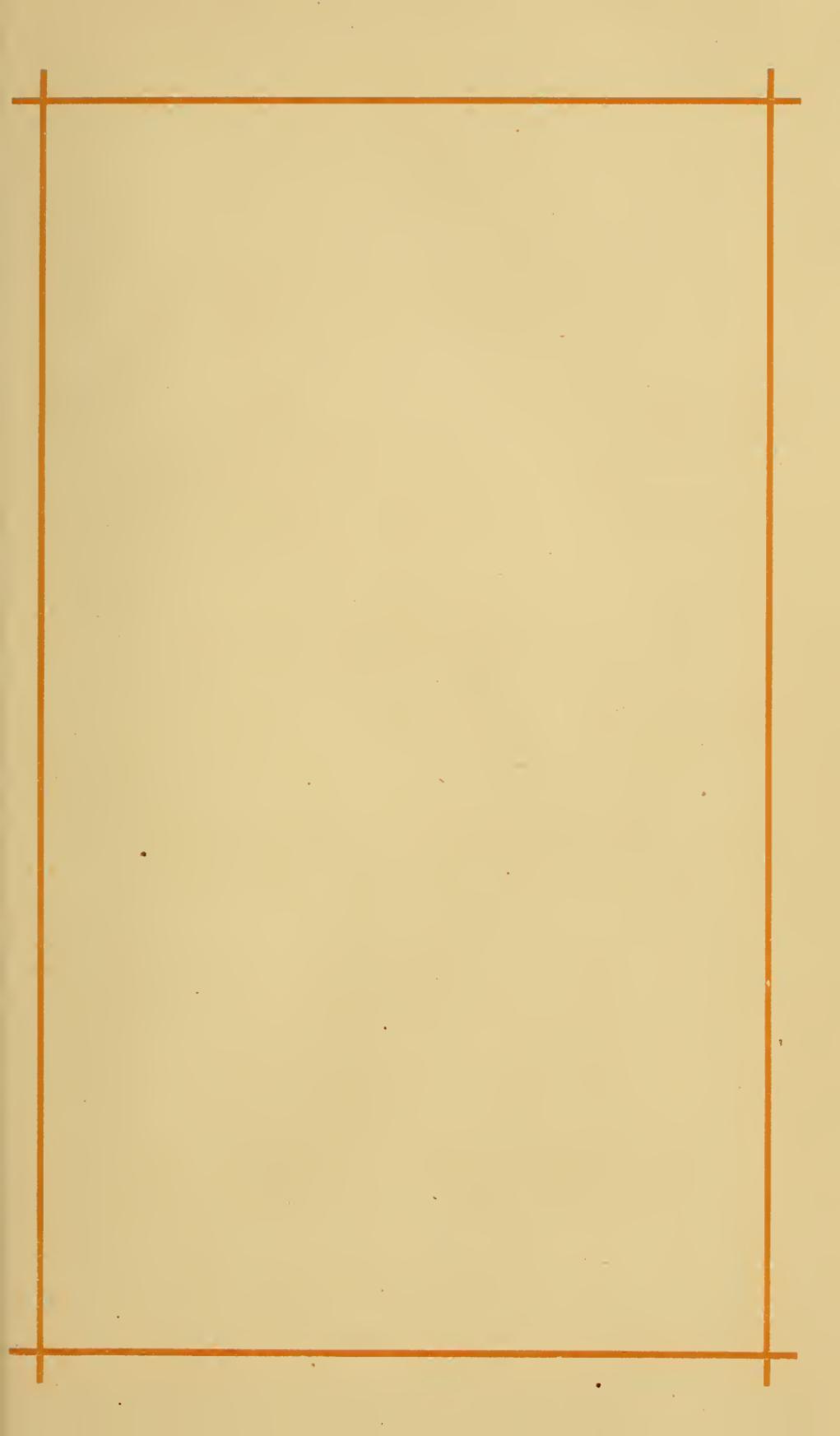
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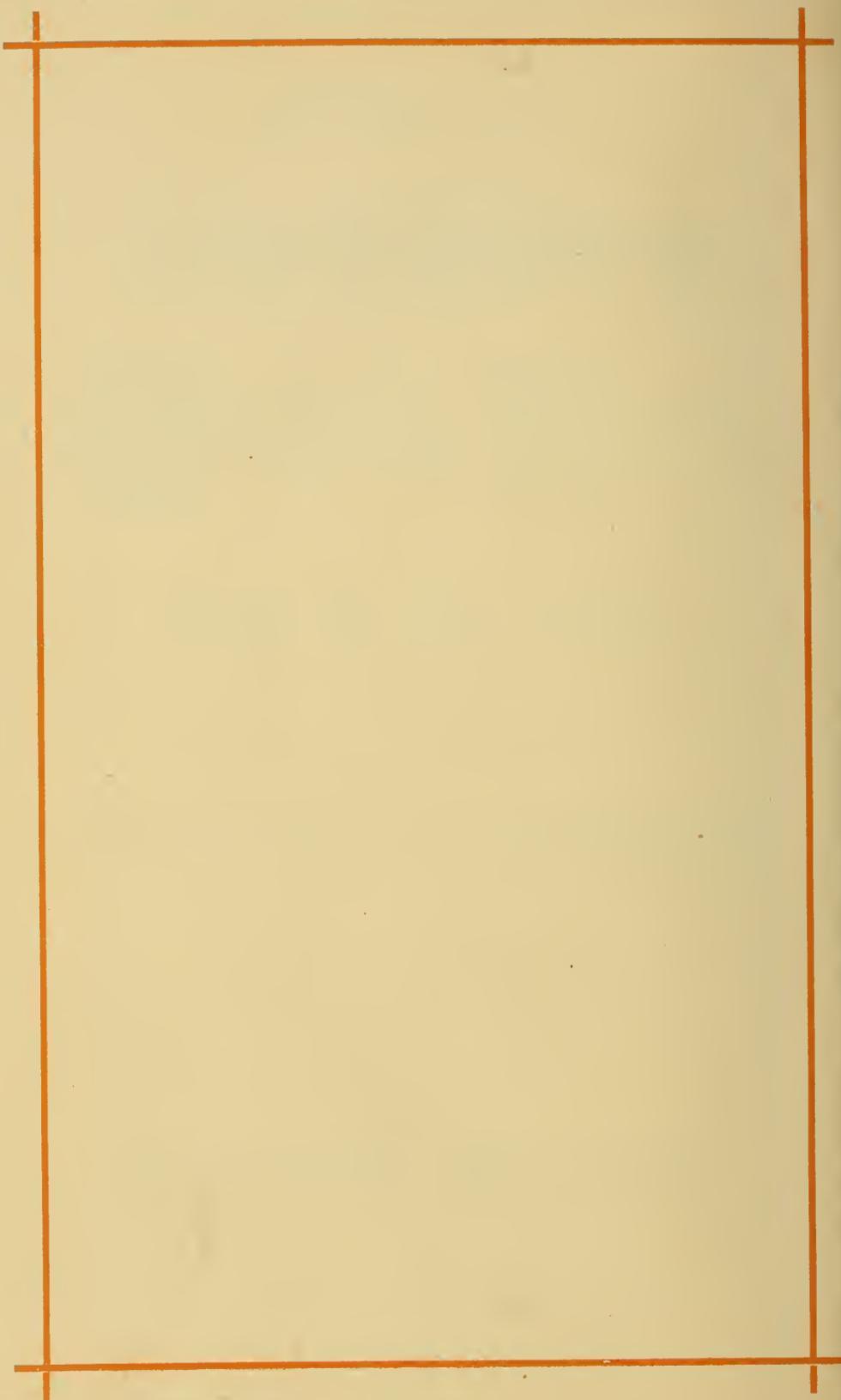
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